

F. R. Fosberg

RECORD

K3515

F. R. Fosberg

Collection number book

No. 19800-18199

Sept. 1938 - May 1941

The first set of collections 15800-16635,
pp. 1-30 of this book, are in the
herbarium of the University of
Pennsylvania.

Beginning with p. 31, no. 16636
they are in the herbarium of the
National Arboretum.



Collection and Field Note Book

No. 6

(Sept. 2, 1938 - May 25, 1941)

(15800 - 18199)

Pages

PENNSYLVANIA

North Mountain, Cherry Run, Sullivan Co.	
Painter Run 15800-15949 ...	1-6
West branch Fishing Creek, Columbia Co.	
..... 15950-16006 ...	6-8
Sugarloaf School, Columbia Co.	
..... 16007-16040 ...	8-9

NEW YORK

Garnerville, Rockland Co. 16042- 16085 .	9-11
Rondaxe Mt., Adirondack Mts., Little	
Tupper Lake, Mt. McIntyre, Syracuse,	
Onondaga Co. 16086-16142 ...	11-13

PENNSYLVANIA

Birchrunville, French Creek, Chester Co.	
..... 16143-16207 ...	13-15

NEW JERSEY

Cedar Lake, Gloucester Co., Green Bank,	
Burlington Co., Walla Island, Ocean Co.,	
Tuckerton, Ocean Co... 16208-16244 ...	15-16

PENNSYLVANIA

Birchrunville, Chester Co. 16246-16315..	17-19
McClure, Snyder Co., Beavertown, Paxton-	
ville along Middle Creek, Centerville,	
Snyder Co. 16316-16441 ..	19-23
Laurelton, Union Co., Banks of Susquehanna	
River, New Columbia and Union Counties,	
White Deer Ridge 16442-16490 ..	24-25

PENNSYLVANIA

Hall Pond, Trout Run, Buttonwood, Beech-	
Maple Woods, Lycoming Co. 16491-16581...	25-28
Morris, Harrison State Forest Park,	
Wellaboro, Tioga Co. 16582-16635 ..	29-30

VIRGINIA

Virginia Highlands, Arlington Co.	
..... 16636-16663 ...	31
Great Falls of the Potomac, Fairfax Co. .	
..... 16664-16681 ...	32
Hunting Creek, Alexandria 16682-16698 ..	32-33
Gum Springs, Fairfax Co... 16699-16708 ..	33

PENNSYLVANIA

Wallingford, Delaware Co.. 16709	33
--	----

VIRGINIA

Virginia Highlands, Arlington Co.	
..... 16710-16728 ..	33-34
Dunnsville, Essex Co..... 16729-16739 ..	34
Waterview, Rappahannock R., Estuary near	
Urbanna, Middlesex Co. . 16740-16769..	34-35
Head of Dogue Creek Estuary, Hunting	
Creek, Alexandria, Fairfax Co.	
..... 16770-16796 ..	36-37
Virginia Highlands, Arlington Co.	
..... 16797-16800..	37

New Jersey

Fairview, Glenloch, Grenloch, Bell Lake,	
Gloucester Co..... 16801-16835 ..	37-39

D.C.

Chain Bridge, Potomac River 16836-16851	39
---	----

No. 6

2

NEW JERSEY

Malaga Lake, Indian Branch of Scotland Run,
Gloucester Co. 16853-16866 39-40

VIRGINIA

Aurora Hills, Arlington, 16867-16888 40-41

MARYLAND

Clarkeburg, Montgomery Co. 16889-16892 41

VIRGINIA

Virginia Highland, Arlington Co., Old Rag Mt.,
Ridge Trail, Madison Co. 16893-16936 41-43

NEW JERSEY

S. of Cecil, near Great Egg Harbor River,
Gloucester Co. 16937-16945 43

VIRGINIA

Aurora Hills, Virginia Highlands, Glebe Road,
Arlington Co. 16946-16953 44-45

MARYLAND

Lyons Creek, Anne Arundel Co., n.w. of Meadows,
Priest Bridge, Lanham, Prince George Co. ...
..... 16954-16968 46-

VIRGINIA

Virginia Highlands, Arlington Co., Shenandoah
Nat'l Park, Blue Ridge Mts., Fauquier Co.,
Big Meadows, Madison Co., below Fishers Gap,
Hog Camp Hollow, Blue Ridge Mts, Madison Co.
..... 16969-17094 47-50
Crescent Rocks, Page Co., Virginia Highlands,
Arlington Co. 17095-17081 50-52

Pages

Alexandria, Va. 17082 52-

MARYLAND

Takoma Park. 17083 52

VIRGINIA

Virginia Highlands, Davis Highway, Aurora H.,
Arlington Co. 17084-17096... 52-53

MARYLAND

Patuxent Refuge, Beltsville 17097-17121 53-54

VIRGINIA

Virginia Highlands, Arlington Co.,
Thornton River near Buck Hollow Trail,
Rappahannock Co. 17122-17159.. 54-56

Pocosin Shelter, Shenandoah Nat. Park,
Greene Co. 17160-17192.. 56-57

Shenandoah Nat'l Park, Blue Ridge Mts,
Mountain Picnic Ground, Bear Fence
Mt., Greene Co. 17193-17231.. 58-59

Spitler Knoll Overlook, Hawksbill Mt.,
~~Appalachian Trail~~ Appalachian Trail,
near Beck Spring Shelter, Page Co.,
..... 17232-17271.. 59-61

Virginia Highlands, Arlington Co.
..... 17272-17277.. 61-

Front Royal, Warren Co., Hogback Mt.
Overlook 17278-17321.. 62-66

Jerome Run, Crescent Rocks, Page Co.
..... 17322-17341.. 66-68

Hawksbill Gap, Big Meadows Camp Ground,
Madison Co. 17342-17351.. 68-70

Sandy Bottom Overlook, Rockingham Co.
..... 17352-17360.. 70-71

Hawksbill Creek above Ivy Creek,
Greene Co. 17361-17378.. 72-73

Pages

... 3

ut

VIRGINIA

Brown Mt. Overlook, Skyline Drive, Rockingham Co.,
Black Rock Gap and Summit, Trayfoot Mt., " " "
..... 17373-17445

Pages

74-83

PENNSYLVANIA

Nottingham, Chester Co. ... 17446-17453

82-83

MARYLAND

Susquehanna River, below Conowingo Dam, Cecil Co.
..... 17454-17469

84-87

VIRGINIA

Sleepy Hollow, Fairfax Co. 17470

86-87

XXXXXXXX

Potomac River below Hunting Creek 17471-17479 .. 86-89
Westhampton, Henrico Co., Univ. of Richmond Campus
..... 17480-17498

88-91

3/4 mi. s.e. Sargess Station, Dinwiddie Co.

90-93

Near Weanoke, Charles City Co.,

" Tettington, " " " 17521-17546

92-95

1 1/2 mi. n. of Surrey, Surrey Co. .. 17547-17591 ..

96-101

Virginia Highlands, Arlington Co. 17592-17594 ..

102-103

8 mi. w. of Gretna, along Pigg River, Pitt-

sylvania Co. 17595-17631

102-109

NORTH CAROLINA

Hypo Creek, Caswell Co. ... 17632-17652

108-111

Duke Univ. Forest, Durham Co., Chapel Hill Nursery,

Orange Co. 17653-17702

110-117

Near Clayton, State Nursery Johnston Co.

..... 17703-17719

116-121

Near Washington, Beaufort Co., near Engelhard,

Hyde Co., Mann's Harbor, Dare Co., Manteo,

Camp Wright, Oregon Inlet, Pea Island, Pamlico

Sound, Old Cape Hatteras Lighthouse, Hatteras

Island, Buxton Landing, Peters Bridge

..... 17720-17881

120-143

NORTH CAROLINA

Pages

Hatteras Inlet Coast Guard Station,
Hyde Co., Ocracoke Island,
..... 17882-17943 142-151
4 mi. w. Old Cape Hatteras Light House,
Hatteras Island, Dare Co., Oregon Inlet,
Pea Island 17944-18001 152-161
east of Subbury, Gates Co. 18002-18017 162-163

VIRGINIA

s. of Suffolk, Manassas Co., near
Windsor, Isle of Wight Co., near Zuni
..... 18018-18064 164-171
Sleepy Hollow, Fairfax Co. 18065-18067 172-173
Virginia Highlands, Arlington Co.
..... 18068-18074 170-173
Sleepy Hollow, Fairfax Co., Holmes Run,
..... 18075-18119 172-185
Virginia Highlands, Arlington Co.,
Fort Buffalo, Fairfax Co., Sleepy
Hollow 18120-18151 184-191

MARYLAND

Hills above Mountville, Catoctin "Mts"
Frederick Co., Chevy Chase, near
Williams Lane .. 18152-18186 190-195

VIRGINIA

Sleepy Hollow, near Tripps Run,
Fairfax Co. 18187-18199 194-197

* * *

15
S
Inut

F. R. Fosberg

Collection number book

Nos. 15800-18199

Sept. 1938 - May 1941

The first set of collections 15800-16635,
pp. 1-30 of this book, are in the
herbarium of the University of
Pennsylvania.

Beginning with p. 31, no. 16636
they are in the herbarium of the
National Arboretum.

abbreviations

det & PB. = S. F. Blake
WRM. = W. R. Mason
R. M. V. = R. M. Vasey
T. H. = T. H. Harman
C. S. = C. S. Johnston

DICKHUIS
STATIONERS
52nd below Walnut
Philadelphia
ALL 2534

Penicillium

1

3

Top of North Mountain, base of ridge

2. *Hyphomycetes* abundant in pine - to 10
cushion, stone

Pennsylvania

1

3

Top of North Mountain, base of ridge S.W.

Cherryton, Sullivan County Sept. 2-3 1937

(along old wood road in second growth beech-maple-
oak - hickory woods)

15800 *Solidago unilugulata*

1 *Asplenium ~~platyneuron~~ Claytonii*

2 *Scirpus atrovirens*

3 *Aster prenanthoides*

4 *Gratiola neglecta*

5 *Dryopteris novae-spinulosa*

6 *Carex Baileyi*?

7 *Aster acuminata*

8 *Laportea canadensis*

9 *Dryopteris noveboracensis*

10 *Anaphalis margaritacea*

11 *Aster acuminata*

12 *Hypericum mutilum*

13 *Lycopodium lucidulum*

same loc. in and around old clearing

Sept. 3

15814 *Cerastium vulgatum*

15 *Aster*

15817 *Dryopteris noveboracensis*

17 *Lycopodium uniflorum*

18 *Dryopteris spinulosa* var. *intermedia*

19 *Prunus pennsylvanica*

20 *Solidago rigida* Ait.

21 *Solidago graminifolia*

22 *Acer spicatum*

23 *Impatiens biflora*

24 *Acer rubrum*

25 *Lactuca spicata*

26 *Scirpus atrovirens*

27 *Prunella vulgaris*

28 *Dryopteris Lunnstaedtii punctilobata*

(Michx.) Moore

- 158 29 *Artica procera* Michx. (gracilis of Manual)
 30 *Oxalis europaea*
 31 *Potentilla norvegica* L. var. *hirsuta* (Michx.) Schum.
 32 *Juncus macer* S.F. Gray
 33 *Acer saccharum*
 34 *Acer pennsylvanicum*
 35 *Polygonum sagittatum*
 36 ~~*Asplenium*~~ *Athyrium thelypteroides*
 37 *Glyceria Torreyana*
 38 *Achillea millefolium*

same loc (boggy bottom of small gully, with tiny stream) Sept. 3

- 158 39 *Carex intumescens*
 40 *Carex gynandra*
 41 *Carex Baileyi*
 42 *Juncus effusus* var. *pylaci*
 43 *Sciurus eriophorum*
 44 *Carex scabrata*
 45 *Monotropa uniflora*
 46 *Circaea alpina*
 47 *Viola pollens*

Top of North Mountain, Ridge east of main
 east fork of Painter Run. 2100-2200 ft. Sept. 3
 (steep rocky slope)

- 158 48 ~~*Artica*~~ *Carulophyllum thalictroides*
 49 *Asarum canadense*
 50 ~~*Asplenium*~~ *Athyrium thelypteroides*
 51 *Galium triflorum*
 52 *Polystichum acrostichoides*
 53 *Aster divaricatus*
 54 *Eupatorium rugosum*
 55 *Cinna latifolia*

- 158 56 *Hamamelis virginiana*
 57 *Laportea canadensis*
 58 *Solidago caesia*
 59 *Impatiens glabra pallida*
 60 *Aster divaricatus*
 61 *Polypodium virginianum*
 62 *Arisaema triphyllum*
 63 *Ilex monticola*
 64 *Halmia latifolia*

(same loc) flat top of ridge, second growth, Beech-Maple
 Birch-Pinus woods)

- 158 65 *Betula lenta* L.
 66 *Aralia racemosa*
 det. 7. 8. 67 *Dryopteris noveboracensis*
 68 *Viola blanda*
 69 *Brachyelythrum erectum*
 70 *Cinna latifolia*
 71 *Lycopodium*

Top of North Mountain, brow of ridge - w.
 Cherry Run, Sullivan Co. Sept. 4, 1937
 (along old wood road in second growth
 Beech-Maple-Birch-Pinus woods)

- 72 *Juncus brevicaudatus*
 73 *Juncus macer*
 74 *Agrostis perennans*
 75 *Aster ericoides*
 76 *Aggrimonia gryposepala*
 77 *Carex crinita* var. *gynandra*
 78 *Aster divaricatus*

same loc. (not on road) Sept. 4, 1937
 79 *Carex debilis*

- 15880 *Polypodium virginianum*
 81 *Lycopodium obscurum* var. *dendroideum*
 82 *Monotropa uniflora*
 83 *Medeola virginiana*

Top of North Mountain, upper part of
 Cherry Run, Sullivan Co. Sept. 4, 1938

- 84 *Polystichum acrostichoides*
 85 *Viburnum alnifolium*
 86 *Geum canadense*
 87 *Aster divaricatus*
 88 *Adiantum pedatum*
 89 *Asarum canadense*
 90 *Circaea alpina*

marginally

(Painter Run, North Mt.) 1 mi. above
 main fork, Sullivan Co. Sept. 4, 1938
 (rocky stream bed)

- 91 *Eupatorium rugosum*
 92 *Galinsoga ciliata*
 93 *Clintonia borealis*
 94 *Solidago latifolia*
 95 *Circaea alpina*
 96 *Polygonatum pubescens* (Willd.) Pursh.
 97 *Galium triflorum*

North Mt. Main forking of Painter Run

Sullivan Co. Sept. 4, 1938

Steep slope, shale slide

- 98 *Solidago caesia*
 99 *Dryopteris marginale*
 15900 *Aster divaricatus*
 1 *Aster acuminatus*

Wooded roadside

- 15902 *Dennstaedtia punctilobula*
 3 *Aster cordifolius*
 4 *Ambrosia artemisiifolia*

(Gravelly stream bed)

- 5 *Aster prenanthoides* Muhl.
 6 *Cryptotaenia canadensis*
 7 *Glyceria*
 8 *Solidago rigida*
 9 *Eupatorium perfoliatum*
 10 *Eupatorium purpureum*
 11 *Aster paniculatus*
 12 *Pilea pumila*
 13 *Aster divaricatus*
 14 *Eupatorium*

Painter Run, 1 mi. below main forking,
 North Mountain, Sullivan Co. Sept. 5, 1938

- 15 *Gnaphalium purpureum*
 16 *Epilobium adenocaulon*
 17 *Aralia racemosa*
 18 *Viburnum alnifolium*
 19 *Hydrangea arborescens*
 20 *Polygonum cilinode*
 21 *Agrostis*
 22 *Impatiens ~~glabra~~ pallida*
 23 *Carex*
 24 *Juncus tenuis*
 25 *Acer spicatum*
 26 *Impatiens biflora*
 27 *Cryptotaenia canadensis*
 28 *Lycopodium lucidulum*

- 15929 *Carex radiata*
 30 *Maianthemum canadense*
 31 *Lycopodium complanatum*
 32 *Muhlenbergia Schrieberi*
 33 *Solidago graminifolia*
 34 *Polygonum persicaria*
 35 *Mercurialis aurantiacum*
 36 *Achyrium angustum* (Willd.) Presl.
 37 *Botrychium dissectum*
 38 *Viola rostrata*
 39 *Solidago rugosa*
 40 *Verbena urticifolia*
 41 *Anoxlea sensibilis*
 42 *Sambucus canadensis*
 43 *Monarda didyma* L.
 44 *Carex lucida*
 45 *Polygonum hydropiper*
 46 *Polygonum sagittatum*
 47 *Desmodium illinoense*
 48 *Dryopteris noveboracensis*
 49 *Lobelia inflata*

West Branch Fishing Creek, 1/4 mile above Central
 1050 ft Columbia Co. Sept. 5, 1938

Open pebble flats along stream

- 50 *Muhlenbergia mexicana*
 51 *Aristida dichotoma*
 52 *Achillea millefolium*
 53 *Oenothera biennis* L.
 54 *Ambrosia artemisiifolia*
 55 *Panicum clandestinum*
 56 *Erigeron ramosus*
 57 *Potentilla norvegica* var. *hirsuta*
 58 *Rubus odoratus*

- 15959 *Bidens frondosa*
 60 *Hypericum perforatum*
 61 *Polygonum persicaria*
 62 *Setaria lutescens*
 63 *Eragrostis*
 64 *Hypericum mac. punctatum* Lam.
 65 *Polygonum hydropiper* L.
 66 *Mollugo verticillata*
 67 *Digitaria Ischaemum*
 68 *Euphorbia*
 69 *Amaranthus gracilis*
 70 *Euphorbia nutans*
 71 *Lobelia inflata*
 72 *Acalypha virginica* L.
 73 *Sagittaria officinalis*
 74 *Eupatorium rugosum* Houtt.
 75 *Aster laevis*
 76 *Galeopsis tetralix*
 77 *Nedoma pulgoides*
 78 *Sambucus canadensis*
 79 *Sporobolus Panicum capillare*
 80 *Hypericum mutilum*
 81 *Polygonum pennsylvanicum*
 82 *Solidago graminifolia*
 83 *Lycopodium*
 84 *Galium sulcatum*
 85 *Circaea intermedia*
 86 *Stellaria media*
 87 *Verbena urticifolia*
 88 *Epilobium densum*
 89 *Eupatorium perfoliatum* var.
 90 *Polygonum sagittatum*
 91 *Panicum lindheimeri* var. *fasciculatum*
 92 *Stellaria uliginosa*

- 15993 *Pilea pumila*
 94 *Viola*
 95 *Solidago nemoralis*
 96 *Solidago bicolor*
 97 *Veronica officinalis*
 98 *Erechtites hieracifolia*
 99 *Erigeron canadensis*

- 16000 *Opalis europaea*
 1 *Cerastium vulgatum*
 2 *Aster novi-belgii*

(Shaded roadside ^{road} flat gulch bottom

- 3 *Aster divaricatus*
 4 *Carex Swannii*
 5 *Agrostis perennans*
 6 *Michella repens*
 7

Box 1/2 mi. e. s. e. of Sugarloaf School

Columbia Co. Alt. 1850 ft Sept. 5
 (long around small wooded bog)

- 7 *Portulaca oleracea*
 8 *Graphalium purpureum*
 9 *Chrysopsis*
 10 *Polygonum punctatum*
 11 *Cardamine pennsylvanica*
 12 *Chelone glabra*
 13 *Spiranthes cernua*
 14 *Aster lateriflorus*
 15 *Aster puniceus*
 16 *Gentiana Andrewii*
 17 *Graphalium polybotryifolium*
 18 *Hydrocotyle americana*
 19 *Carex leptalis*
 20 *Coptis trifolia* L.
 21 *Magnolia acuminata*

- 16022 *Aster prenanthoides*
 23 *Ranunculus acris*
 24 *Hypericum mutilum*
 25 *Aster ericoides*
 26 *Spiraea latifolia*
 27 *Clematis verticillaris*
 28 *Amphicarpa pitcheri*
 29 *Muhlenbergia Schrieberi*
 30 *Lappula virginica*
 31 *Lycopodium complanatum*
 32 *Lycopodium lucidulum*
 33 *Lindera Benzoin* (L.) Blume
 34 *Mimulus ringens*
 35 *Lycopodium obscurum* v. *dendroideum*
 36 *Lycopodium clavatum*
 37 *Scleropus eriophorus*
 38 *Torilis virginiana*
 39 *Chenopodium album*
 40 *Echinochloa crusgallii*

41

Garnewille, Rockland Co. N. Y. Sept. 12, 1928

- 42 *Polygonum hydrophyllum*
 43 *Polygonum persicaria*
 44 *Aster*
 45 *Galium circaezans*
 46 *Solidago caesia* L.
 47 *Aster divaricatus*

Weed patches & roadsides near dwellings

- 48 *Aster ericoides*

- 16049 *Solidago rugosa*
 50 *Aster lateriflorus*
 51 *Solidago nemoralis* var.
 52 *Polygonum aviculare*
 53 *Acalypha*
 54 *Panicum dichotomiflorum*
 55 *Digitaria sanguinalis*
 56 *Bidens frondosa*
 57 *Prunella vulgaris* L.
 58 *Polygonum pennsylvanicum*
 59 *Solidago ~~serotina~~ ^{gramenifolia (L.) Solish} ^{Var. Nuttallii (Shum.) Fernald.}*

Old pasture partially ~~open~~
~~not~~ covered by bushes and some
 trees

- 60 *Rudbeckia hirta*
 61 *Liatris vulgaris*
 62 *Aster ericoides*
 63 *Aster novae-angliae*
 64 *Solidago nemoralis*
 65 *Solidago rugosa*
 66 *Solidago altissima*
 67 *Juncus macrocarpus*
 68 *Lobelia inflata*
 69 *Solidago bicolor*
 70 *Aster undulatus*
 71 *Gnaphalium polycephalum*
 72 *Aster lateriflorus*
 73 *Hypericum Lechea villosa*
 74 *Anaphalis margaritacea*
 75 *Gerardia tenuifolia*
 76 *Hypericum gentianoides*
 77 *Lichostema dichrotonum*
 78 *Viola fimbriatula*

- 16079 *Cornus paniculata*
 80 *Polygala*
 81 *Acer saccharum* Marsh.
 82 *Myrica heterophylla* Raf.
 83 *Pyrenanthemum flexuosum*
 84 *Andropogon scoparius*

2 mi. S of Spencer

Sept. 30, 1938

85 *Aster*

Rondax Mt. Adirondack Mts.

Oct. 1, 1938

- 86 *Aster acuminata*
 87 *Solidago rugosa*
 88 *Demissaetia punctilobula*
 89 *Cornus canadensis*
 90 *Solidago puberula*
 91 *Forbesia americana*
 92 *Pteridium aquilinum*
 93 *Juncus macrocarpus*
 94 *Polypodium virginianum*
 95 *Dryopteris spinulosa*
 96 *Lycopodium lucidulum*

Little Tupper Lake, Adirondack Mts.

Oct. 1, 1938

Broad marsh at edge of lake.

- 97 *Eriophorum*
 98 *Chirogenus hispidula*
 99 *Kalmia polifolia*
 16100 *Ledum groenlandicum*
 01 *Kalmia angustifolia*
 02 *Chamaedaphne caespitosa*
 03 *Andromeda glaucophylla*

Mt. McIntyre, trail from Hunt Lake,
Oct. 2, 1938

- 10104 *Lophagnum*
 05 *Thermopsis mucronata* (L.) Trel.
 06 *Cornus canadensis*
 07 *Anaphalis margaritacea*
 08 *Linnaea borealis* L. var. *americana* (Zucc.) Reiche
 09 *Chrysothrix hispidula*
 10 *Coptis trifolia*
 11 *Monotropa uniflora*
 12 *Abies balsam* (L.) Mill.
 13 *Abies balsam* (L.) Mill.
 14 *Aster solidus*, *scrophylus*

Mt. McIntyre, at and near summit
Oct. 2, 1938

Truhy patches in crevices
and depressions between
rocks at timber-line and above.

- 15 *Vaccinium uliginosum*
 16 *Vaccinium oxycoccus*
 17 *Drapencia lapponica*
 18 *Lycopodium selago* L.
 19 *Arenaria groenlandica*
 20 *Potentilla tridentata*
 21 *Ledum groenlandicum*
 22 *Solidago Cutler*
 23 *Empetrum nigrum*
 24 *Kalmia polifolia*
 25 *Rhododendron lapponicum*
 26
 27 *Salix uva-ursi*
 28 *Alnus*
 29 *Abies balsam* (L.) Mill.

- 16130 *Alnus crispa*
 16131 *Calamagrostis canadensis*

16130a *Chamaedaphne*
calypulata

Syracuse, Onondaga Co. Oct. 7, 1938

Weedy vacant lots.

- 32 *Aster novae-angliae*
 33 *Solidago canadensis*
 34 *Aster paniculatus*
 35
 36 *Galium*
 37 *Aster cordifolius*
 38 *Solidago canadensis*
 39 *Aster novae-belgii*
 40 *Solidago nemoralis*
 41 *Aster paniculatus*
 42 *Aster novae-belgii*

1 mi. n. Birchrunville, s. of French
Creek, Chester Co. Oct. 15-16, 1938

- 43 *Prenanthes trifoliolatus*
 44 *Boehmeria cylindrica*
 45 *Aster puniceus*
 46 *Lobelia siphilitica*
 47 *Castanea dentata*
 48 *Cassia nictitans*
 49 *Trifolium procumbens*
 50 *Solidago graminifolia*
 51 *Lobelia inflata*
 52 *Lyperus stroganov*
 53 *Sida spinosa* L.
 54 *Euphorbia nutans* Lang.
 55 *Echinochloa crusgalli*
 56 *Conium maculatum*
 57 *Conium maculatum*

- 16159 *Eupatorium perfoliatum*
 59 *Muhlenbergia schrieberi*
 60 *Solidago bicolor* L.
 61 *Linum virginicum*
 62 *Pilea pumila*
 63 *Quercus montana*
 64 *Pedicularis altissima*
 65 *Bidens frondosa*
 66 *Xanthium commune*
 67 *Clypeus virginicus* f. *bisantiplum*
 68 *Physalis subglabrata*
 69 *Chenopodium album*
 70 *Erechtites hieracifolia*
 71 *Scirpus polyphyllus*
 72 *Ruellbeckia laciniata*
 73 *Chelone glabra*
 74 *Galium asprellum*
 75 *Quercus borealis* var. *maxima*
 76 *Perilla frutescens*
 77 *Quercus montana*
 78 *Cornicola virginoides*
 79 *Lespedeza striata*
 80 *Psaleidium polycephalum*
 81 *Celtis occidentalis*
 82 *Eupatorium rugosum*
 83 *Origanum heliolum*
 84 *Andropogon virginicus*
 85 *Euphorbia petiolata*
 86 *Bidens bipinnata*
 87 *Panicum dichotomiflorum*
 88 *Aster cordifolius*
 89 *Aster ~~pennsylvanicus~~ lowianus*
 90 *Aster lowianus*
 91 *Aster divaricatus*

16160 *Polygonum arifolium*

- 16192 *Aster cordifolius*
 93 *Aster lateriflorus*
 94 *Aster paniculatus*
 95 *Aster lateriflorus*
 96 *Aster laevis*?
 97 *Aster cordifolius*
 98 *Aster ericoides*
 99 ~~*Aster*~~ *Solidago*
 16200 *Solidago puberula*
 01 *Solidago*
 02 *Solidago*
 03 *Solidago canadensis*
 04 *Solidago latifolia*
 05 *Solidago rigida*
 06 *Solidago caesia*
 07 *Solidago nemoralis*

1 mi. n.e. Cedar Lake, Piscataway Co. N.J.

Oct. 19, 1938

- 28 *Pyxidanthus barbulata*
 29 *Hudsonia ericoides*

23 mi. n.e. Cedar Lake, Piscataway Co.

Oct. 19, 1938

- 10 *Aster linariifolius*

2 mi. n.e. Green Bank, near Mullica R.

Burlington Co. Oct. 20, 1938

- 11 *Aster linariifolius*
 12 *Hudsonia ericoides*
 13 *Helianthemum canadense*
 14 *Leiosiphium buxifolium*
 15
 16 *Drosera rotundifolia*

16717 *Bartonia paniculata*

18

W. side of Wells Island, 4 1/2 miles southwest
Ocean Co. Oct. 24, 193918 *Cyperus strigosus*19 *Baccharis halimifolia*20 *Juniperus virginiana*21 *Rhus copallina*22 *Ilex opaca*23 *Myrica carolinensis*24 *Aster ~~canadensis~~ carolinensis*25 *Distichlis spicata*26 *Spartina alternifolia* var. *pilosa*27 *Spartina alternifolia* var. *pilosa*28 *Gerardia maritima*29 *Spartina patens*30 *Juncus ~~maritima~~ tenuis*31 *Juncus acuminatus* Michx.32 *Cyperus filicinus* Vahl.33 *Spartina pectinata*34 *Cantharus biennis*35 *Solidago graminifolia*36 *Solidago sempervirens*

Tuckerton Radio Station, 4 mi. S.W.

Tuckerton, Ocean Co.

Oct. 19, 1939

37 *Distichlis spicata*38 *Eleocharis camphorata*39 *Juncus ~~maritima~~ frutescens* L.40 *Diagrostis megastachya*41 *Aster subulatus*42 *Salicornia mucronata*43 *Atriplex patula* L. var. *hastata*44 *Salicornia europaea*

Philadelphia

Jan. 24, 1939

16745

1 mi. n.e. Breckinville, s. of French Creek,

Chester Co. Pa.

Apr. 23, 1939

46 *Obolaria virginica* L.47 *Viola rotundifolia* Michx.

Along rd. Br. Mahantango Creek,

2 mi. S.W. of Oriental

Juniata Co.

(Roadside)

June 20, 1939

alt. 130 m.

48 *Dioscorea viscosa*49 *Verbascum*50 *Dianthus Armeria*

Same loc. (rocky stream bed)

51 *Asclepias syriaca*52 *Poa compressa*53 *Agrostis*54 *Rubus occidentalis*55 *Clodea canadensis*56 *Ludwigia palustris*57 *Carex lurida*58 *Trifolium pratense*59 *Myosotis*60 *Galium*61 *Hydrocotyle*

62

63 *Campanula aparinoides*64 *Lupinus canadensis*65 *Chrysanthemum leucanthemum*66 *Astragalus*67 *Plantago lanceolata*68 *Stellaria longifolia*69 *Barbarea vulgaris*

16270 *Lepidium campetris*71 *Geum canadense*72 *Physocarpus opulifolia*73 *Oenothera perennis*74 *Cryptotaenia canadensis*75 *Oxalis florida*76 *Potentilla*77 *Lysimachia ciliata*78 *Potentilla norvegica* v. *hirsuta*79 *Lysimachia nummularia*

Along Tusquehanna River

3 mi. N.E. of Liverpool Perry Co.

80 *Juncus acuminata* Micht. June 20, 193981 *Scirpus americana* alt. 120 m.82 *Scirpus atrovirens* v. *georgianus*83 *Juncus brevicaudatus*84 *Carex ~~sp.~~ lucida*85 *Fragaria esculenta*86 *Hypericum ellipticum*87 *Polygonum americana*88 *Ludwigia palustris*89 *Eleocharis canadensis*90 *Eleocharis obtusa*91 *Anochea sensibilis*92 *Polygonum caespitosum* v. *longistylum*93 *Dianthera americana*94 *Eleocharis calva* Torr.95 *Rorippa sylvestris*

det. F. G. H.

Same locality - bottom of dry canal

96 *Arenaria serpyllifolia*97 *Juncus macer* S.F. Gray *macer* S.F. Gray alt. 11098 *Rumex acetosella*99 *Lysimachia nummularia*16300 *Geum canadense*1 *Carex ~~sp.~~ rostrata* Schreb.2 *Phleum pratense*3 *Rumex crispus*4 *Juncus macer* S.F. Gray5 *Nepeta hederacea*6 *Festuca elatior*7 *Barbarea vulgaris*8 *Achillea millefolium*9 *Lepidium virginicum*10 *Solanum carolinense*11 *Poa pratensis*12 *Poa compressa*13 *Spectularia perfoliata*14 *Asarum ~~sp.~~ Claytonii*15 *Carex complanata*

1 mi. N.W. of McClure, Snyder Co.

(Railroad embankment) June 21, 1939

16 *Osmunda Claytoniana* with V.O.F.17 *Geranium maculatum* alt. 120 m.18 *Vaccinium vacillans*19 *Solanum carolinense*

same loc. (roadside)

20 *Apocynum androsaemifolium*21 *Heliopsis helianthoides*22 *Diervilla lonicera* with V.O.F.23 *Crataegus* alt. 120 m.24 *Asclepias syriaca*25 *Quercus palustris*26 *Hypericum perforatum*27 *Apocynum cannabinum*28 *Conyza americana*

- 16329 *Smilax herbacea*
 30 *Veronica officinalis*
 31 *Lisynbrium altissimum*
 32 *Matricaria matricarioides*

same loc. (south slope, broken rock)

- 33 *Rosa carolina* alt. 180-300 m.
 34 *Agrostis agathago*
 35 *Bromus mollis*
 36 *Bromus serotinus*
 37 *Lysimachia quadrifolia*
 38 *Panicum Lindheimeri*
 39 *Ceanothus americana*
 40 *Poa compressa*
 41 *Bromus ciliatus*?
 42 *Galium aparine*
 43 *Achillea millefolium*
 44 *Panicum linearifolium*
 45 *Quercus*
 46 *Sparganium angustifolium*
 47 *Trifolium agrarium*
 48 *Polygonum convolvulus*
 49 *Eriogonum canadense*
 50 *Arenaria serpyllifolia*
 51 *Veronica arvensis*
 52 *Galium floridum*
 53 *Rubus occidentalis*
 54 *Potentilla canadensis*
 55 *Sambucus racemosa*
 56

same loc. (wooded north slope) alt 700 m.

- 56 *Dryopteris spinulosa*
 57 *Polytrichum commune*
 58 *Valeriana acerifolia*

- 16359 *Dryopteris*
 60 *Corylus rostrata*
 61 *Desmodium punctilobum*
 62 *Polygonum virginicum*
 63 *Arabis nuttalliana*

64

3-3.5 mi. E. of Beavertown, Snyder Co.
 (wooded S. slope)

- 64 *Galium circaezans* Michx.
 65 *Urtica occidentalis* L. var. *parvifolia* Muhl.?
 66 *Acer saccharum* Marsh.
 67 *Aquilegia canadensis* L.
 68 *Cornus paniculata* L.
 69 *Conopogon americanus* (L.) Willd.
 70 *Asplenium androsaceifolium* L.
 71 *Urtica occidentalis* L. var. *parvifolia* Muhl.?
 72 *Melilotus alba* Desv.
 73 *Medicago lupulina* L.
 74 *Ceanothus americanus* L.
 75 *Diocoreas villosa* L. (top of limestone ridge)
 76 *Lysimachia ciliata*
 77 *Thalictrum*
 78 *Eriogonum canadense* (alt) BSP.
 79 *Rhus glabra* L.
 80 *Vicia*
 81 *Hypericum perforatum* L.
 82 *Pentstemon spicatus* (L.) Beauv.
 83 *Achillea millefolium* L.
 84 *Zizia aurea* (L.) M.
 85 *Crucella vulgaris* L.
 86 *Veronica officinalis* L.
 87 *Carex corniculata*
 88 *Botrychium virginicum* (L.) Sw.
 89 *Folia americana* L.

16390 *Thaspium barbinode* (Michx.) Nutt.91 *Carex cephalophora* Muhl.

92

(same loc) (roadside) with V.R.F.

16393 *Celtis*94 *Vitis rotundifolia* Michx.95 *Juglans nigra* L.96 *Rubus occidentalis* L.97 *Cephalanthus occidentalis* L.

(woods, largely juniperus)

98 *Galium circaeazans* Michx.99 *Hieracium venosum* L.16400 *Dennstaedtia punctilobula* (Michx.) Moore01 *Mitchella repens* L.

15 - 2 mi. n.e. Paxtonville, Snyder Co., June 21, 1939

(rich woods on flat bottom of valley)

2 *Ludwigia palustris* (Pell.)3 *Gratiola polygala*4 *Carex lurida* Wallenb.5 *Viola pubescens* Ait.6 *Cryptotaenia canadensis* (L.) DC.7 *Camorhiza Claytoni* (Michx.) Clarke8 *Eleocharis acicularis* L.9 *Salix nigra* Marsh.10 *Fagus grandifolia* Ehrh.11 *Asplenium Carolinense* Walt.12 *Carex lupulina* Muhl.13 *Smilax rotundifolia* L.14 *Carya ovata* (Mill.) K. Koch.15 *Lupinus albus* L.16 *Stellaria longifolia* Muhl.16417 *Eriogon philadelphicus* L.18 *Asclepias physocarpoides* Pursh.19 *Smilax racemosa* (L.) Desf.20 *Artemisia aquatica* L.

Same loc. (limestone slope, wooded)

21 *Polypodium virginicum* L.22 *Cornus rugosa*23 *Asa foetida* Lam.24 *Hypoxis americana*25 *Taxa canadensis* (L.) Carr.26 *Taxa canadensis* Marsh.27 *Cardamine rotundifolia* Michx.28 *Mitella diphylla* L.29 *Arabis medicaginis* L.30 *Anemone phthalictroides* (L.) Spach.31 *Hydrangea arborescens* L.32 *Eleocharis*

Penns Creek P.O.

2 1/2 mi. s.e. of Paxtonville, Snyder Co., June 21, 1939

(deciduous woods) second growth

33 *Theridium aquilinum*34 *Viburnum acerifolium*35 *Carex cephalophora*36 *Vitis*37 *Arabis canadensis*38 *Prunus americana*39 *Apocynum androsaemifolium*40 *Castanea dentata*41 *Galium circaeazans*

3 miles N.W. of Laurelton Union County
(dry, sterile wooded hillside, S. slope) June 22, '39

- 16442 *Crataegus*
43 *Hieracium venosum*
44 *Ceanothus americanus*
45 *Castanea dentata*
46 *Pleridium aquilinum*
47 *Nyssa sylvatica*
48 *Kalmia latifolia*
49 *Eleocharis capitata* (L.) R. Br.
50 *Juncus macer* S. F. Gray
51 *Carex glaucoidea*
52 *Hypericum perforatum*
53 *Baptisia tinctoria*
54 *Rhus copallina* v. *latifolia*
55 *Panicum linearifolium*
56 *Oenothera biennis*
57 *Rubus allegheniensis*
58 *Amorcan palustris*
59 *Sassafras albidum*
60 *Plantago major*
61 *Poa compressa*
62 *Galium triflorum*
63 *Holcus lanatus*

Banks of Susquehanna River near Columbia Union Co.
(thickets along river margin) June 22, 1939

- 64 *Erigeron ramosus*
65 *Asplenium adnigrum*
66 *Salix nigra*
67 *Rumex crispus*
68 *Comarostaphyly*
69 *Equisetum arvense*
70 *Galium aparine* (L.) Blake

- 16471 *Barbarea vulgaris*
72 *Salix fragilis*
73 *Cryptotaenia canadensis*
74 *Bolanderia cylindrica*

End of South White Deer Ridge, 1 1/4 mi. N.W. of
White Deer, Union Co. (Columby shale cliff) June 22

- 75 *Carex*
76 *Carex*
77 *Carex lasiocarpa*
78 *Carex rosea*
79 *Viburnum acerifolium*
80 *Galium lanceolatum*
81 *Rumex acetosella*
82 *Trifolium agrarium*
83 *Buena alba*
84 *Galbassia baccata*
85 *Panicum linearifolium*
86 *Anemone thalictroides*
87 *Sonchum oleraceum*
88 *Rhus typhina*
89 *Polypodium acrostichoides*
90 *Vitis*

Hall Pond, 3 1/2 mi. S. Trout Run, Lycoming Co.
(Wooded swamp) June 23, 1939

- 91 *Athyrium angustum*
92 *Juncus macer*
93 *Asimina cinnamomum*
94 *Carex trisperma*
95 *Carex*
96 *Coptis trifolia*
97 *Ranunculus acris*
98 *Lycopodium lucidulum*

Pennsylvania
(same location) marshy old field

- 16499 *Penstemon punctilobus* (Michx.) Moore
500 *Potentilla norvegica* L. v. *hirsuta* L.
1 *Hamamelis virginiana* L.
2 *Carex scoparia* Schreb.
3 *Lysimachia terrestris* (L.) B.S.P.
4 *Rumex acetosella* L.
5 *Achillea millefolium* L.
6 *Kalmia latifolia* L.
7 *Sambucus canadensis* L.
8 *Carex gynandra*
9 *Salix*
10 *Glyceria*
11 *Carex stipata* Muhl.
12 *Panicum*
13 *Anthoxanthum odoratum* L.
14 *Galium tinctorium* L.
15 *Clethra tenuis*
16 *Pantheria spicata* (L.) Beauv.
17 *Delphinium acuminatum* (L.) Britt.
18 *Dryopteris spinulosa*
19 *Vaccinium corymbosum* L.
20 *Oenothera perennis* L.
21 *Populus tremuloides* Michx.
22 *Trifolium*
23 *Carex scoparia* Schreb.

(Same loc.) dry woods

- 24 *Asarum canadense* L.
25 *Arabis nudicaulis* L.
26 *Castanea dentata* (Marsh.) Borkh.
27 *Betula papyrifera* Marsh.
28 *Polystichum acrostichoides* (Michx.) Schott.
29 *Delphinium spicata* (L.) Beauv.
30 *Actea alba* (L.) Mill.

Pennsylvania

- 16531 *Carex*
32 *Panicum linearifolium* Scribn.
33 *Medeola virginiana* L.
34 *Acer pennsylvanicum* (L.) Mill.
35 *Lycopodium obscurum* L.
36 *Panicum*

same loc. (wadeside)

- 37 *Lysimachia quadrifolia* L.
38 *Lysimachia quadrifolia* L.
39 *Gaultheria procumbens* L.
40 *Viola fimbriatula* Sm.
41 *Polygala paucifolia* Willd.
42 *Michelia repens* L.
43 *Trillium undulatum* Willd.

3 mi. W. of Butlerwood, along B. Lockhouse
Creek, Lycoming Co. June 23, 1939
(Wet, swampy woods, along
flat bottom lands along creek)

- 44 *Podophyllum peltatum* L.
45 *Solanum dulcamara* L.
46 *Veronica americana* (Schwarz.) Raf.
47 *Carex Swanii*
48 *Myosotis laxa* Schreb.
49 *Stellaria longifolia* Muhl.
50 *Viola conspersa* Reichenb.
51 *Tiarella cordifolia* L.
52 *Carex leptoneura* det. F. J. H.
53 *Nepeta hederacea* (L.) Trev.
54 *Chrysogonum*
55 *Carex stipata* Muhl.
56 *Carex lurida* Wahlenb.
57 *Carex prasina* Wahlenb.

16558 Eleocharis capitata L.R.B.

59 Glycyrrhiza stricta

Steep S. slope, broken shale, Beech-Maple woods

60 Dryopteris marginalis alt. 370-470 m.

61 Carex ruscicola

62 Asplenium platyneuron

63 Brachyelytrum erectum

64 Sisyrinchium gramineum

65 Arisaema atrorubens

66 Cleruchium aquilinum

67 Carex convolutum

68 Carex platyphylla

69 Panthousia compressa

70 Carex abscissa digitaria

71 Carex debilis

72 Viburnum acerifolium

73 Gloriosa lanceolatum

74 Panthousia epucata

75 Pennisetum Lindheimeri

76 Festuca montana

77 Carex tenera

(along stream)

78 Veratrum viride

alt. 365 m.

79 Stellaria

(roadside)

79 Stellaria aquatica

alt. 370 m.

80 Asarum canadense

81 Dalabarda repens

3 mi. n. of Morris, along Wilson Creek,
Tioga Co. June 27, 1937

(rich woods in valley bottom)

16532 Rumex acetosella L.

83 Erigeron ~~acutatus~~ strigosus Mill.

84 Potentilla simplex Michx.

85 Carex prae-coelestis Wahlenb.

86 Dryopteris ~~intermedia~~ ^{spiculosa (Muhl.)} ~~intermedia~~

87 Glycyrrhiza melicaria (Michx.) Nutt.

88 Polygonatum pubescens

89 Arularia sessilifolia

90 Laportea canadensis

91 Carex radiata

det. F.J.H.

92 Carex Deweyana

93 Medeola virginiana

94 Carex scoparia

95 Carex acutivalis

det. F.J.H.

96 Carex vulpinoidea

97 Clintonia borealis

98 Carex debilis v. Rudgei

99 Lipidium campestris

16600 Juncus macer S.F. Gray

Harrison State Park, Pine Creek, 9 mi. S.W. of
Wellsville, Tioga Co. June 27, 1937(rich forest on edge of plateau
above canyon wall)

01 Carya ovata

02 Tilia americana

03 Polygala paucifolia

04 Carpinus caroliniana Walt.

05 Salix humilis Marsh.

06 Ilex monticola montana Gray

07 Castanea dentata

- 16608 *Senecio obovata*
 09 *Acer spicatum*
 10 *Amelanchier canadensis*
 11 *Apocynum androsaemifolium*
 12 *Panicum linearifolium*
 13 *Luzula saltuensis*
 14 *Ribes*
 15 *Actaea alba pachypoda*
 16 *Tranella cordifolia* L.
 17 *Dianella fornicata*
 18 *Mitella diphylla*
 19 *Cryptotaenia canadensis*
 20 *Isarum canadense*
 21 *Vaccinium angustifolium* Ait.
 22 *Hydrangea arborescens*
 23 *Prunella vulgaris*
 24 *Camptophyllum thalictroides* (L.) Michx.
 25 *Bromus ciliata*
 26 *Lanicula* sp.
 27 *Geum canadense*

same loc. (Thin woods on canyon wall near top)

- 28 *Betula papyrifera* Marsh.
 29 *Betula ~~papyrifera~~ var. cordifolia* (Michx.) Fern.
 30 *Prunus virginiana* L.
 31 *Arabis viridis* Hager del. R.P. Michx.
 32 *Candamine pennsylvanica* Muhl.
 33 *Cinca alpina* L.
 34 *Chrysosplenium americanum* Schreb.
 35 *Woodsia Cystopteris fragilis*

Virginia Highlands, Arlington Co. Va.

(weedy bog)

Aug. 24, 1939

- 16636 *Xyris torta* J.E. Sm.
 37 *Cyperus strigosus* L.
 38 *Juncus longii* Fern. det. J.J. H. 1940
 39 *Pycnanthemum flexuosum* (Walt.) B.S.P.
 40 *Lobelia ~~siphilitica~~ L. puberula*
 41 *Cassia nictitans* L.
 42 *Euphorbia nutans* Lag.
 43 *Rhexia virginica* L.
 44 *Juncus subcaudatus* det. J.J. H.
 45 *Linum ~~medium~~*
 46 *Vernonia noveboracensis* Willd.
 47 *Oxypholis rigidius* det. Michx.
 48 *Poll. Polygonum pennsylvanicum* L.
 49 *Echinochloa crusgalli* (L.) Beauv.
 50 *Datura stramonium* L. var.
 51 *Mikania scandens* (L.) Willd.
 52 *Ipomoea lacunosa* L.
 53 *Verbena urticaefolia* L.
 54 *Ludwigia alternifolia* L.
 55 *Polygonum persicaria* L.
 56 *Carex lurida* Wahlenb.
 57 *Eupatorium perfoliatum* L.
 58 *Carex frankii* Kunth
 59 *Juncus ~~testilis~~ effusus* L. var. *solutus*
 60 *Polygonum punctatum* Ell.

(weedy filled in ground)

- 61 *Solidago juncea*
 62 *Panicum dichotomiflorum* Michx.

(edge of garden)

Aug. 25, 1939

- 63 *Pueraria hirsuta* Schreid.

Great Falls of the Potomac, Fairfax Co.
Aug 24, 1939

(great rocks along the river)

- 16664 *Apocynum tuberosum* Moench
65 *Elephantopus carolinianus* Willd.
66 *Acalypha*
67 *Galium pilosum* Ait.
68 *Coreopsis tripteris* L.
69 *Juncus*
70 *Leucothoe racemosa* (L.) Gray
71 *Ilex verticillata* (L.) Gray
72 *Lespedeza*
73 *Clematis*
74 *Cyperus*
75 *Veronica virginica* L.
76 *Sida spinosa* L.
(woods along river)
77 *Ludwigia palustris* (L.) Ell.
78 *Lobelia*

(woods, near river)

- 79
80 *Lyonia ligustrina* (L.) DC.
81 *Carpinus caroliniana* Walt.

Hunting Creek, Alexandria, Fairfax Co.
(edge of ~~marshy~~ marshy Creek)
Aug. 27, 1939

- 82 *Asclepias incarnata* L.
83
84 *Commelina hirtella* Vahl
85 *Ipomoea hederacea* Jacq.
86 *Diodia teres* Walt.
87 *Ipomoea purpurea* (L.) Roth.

16688 *Hibiscus moscheutos* L.

- 89 *Cuscuta*
90 *Cornus amomum* Mill.
91
92 *Cephalanthus occidentalis* L.
93 *Alnus serrulata* Willd.
94 *Clematis virginiana* L.
95 *Rudbeckia laciniata* L.
96
97 *Helenium autumnale* L.
98 *Chelone glabra* L.

Gun Springs, Fairfax Co.

(somewhat swampy open woods) Aug. 27, 1939

99 *Carex*

16700

- 01 *Sentellaria*
02 *Lycopus uniflorus* Michx.
03 *Carex*
04 *Cassia depressa* Poll.
05 *Baccharis cylindrica* (L.) Desv.
06 *Acalypha*
07 *Eleocharis*
08 *Galium vicinale* Stokes

Wallingford, Delaware Co. Penna. Sept. 2, 1939

09 *Physostegia virginiana* Nutt.

Virginia Highlands, Arlington Co. Va.

(weedy bog) Sept. 7, 1939

- 10 *Dioscorea villosa* L.
11 *Dioscorea virginiana* L.
12 *Typha latifolia* L.
13 *Erianthus giganteus*

- 16714 *Andropogon glomeratus* (Walt.) B.S.P.
 15 *Juncus subcaudatus*
 16 *Salix nigra* det. C. C. C.
 17 *Eupatorium purpureum* L.
 18 *Desmodium dillenii* Var.
 19 *Prunella vulgaris* L.
 20 *Leersia oryzoides*
 21 *Polygonum sagittatum* L.
 22 *Helianthus giganteus* L. det. F. J. H.
 23 *Sorghastrum nutans*
 24 *Helianthus giganteus* L. det. F. J. H.
 25 *Juncus subcaudatus* det. F. J. H.
 26 *Gerardia purpurea* L. det. M. O.
 27 *Solidago rugosa* L.
 28 *Phlox paniculata* L.

1/2 mi. s.e. Dunnaville, Essex Co.

(wooded ravine) Sept. 10, 1937

- ✓ 29 *Vitis cordifolia* Michx.
 30 *Actinomeria alternifolia* (L.) DC.
 31 *Elephantopus carolinianus* Willd.
 32 *Eupatorium*
 33 *Alnus serrulata* Willd.
 34 *Clethra alnifolia* L.
 35 *Pilea pumila* (L.) Gray
 36 *Woodwardia arcuata* (L.) Moore
 37 *Agrostis*
 38 *Athyrium*
 39 *Ludwigia alternifolia* L.

Rappahannock R.

Waterview, Middlesex Co.

(marshy, sandy Sept. 10, 1939

- margin of brackish estuary)
 40 *Baccharis halimifolia* L.

- 16741 *Iva frutescens* L. common in marsh (det. F. J. H.)
 42 *Paspalum*
 43 *Cassia nictitans* L.
 44 *Panicum*
 45 *Eupatorium*
 46 *Eupatorium hyssopifolium* L.
 47 *Lactuca*
 48 *Xanthium*
 49 *Lespedeza virginica* (L.) Britt.
 50 *Lespedeza striata* (Thunb.) H. & A.
 51 *Gnaphalium obtusifolium* L.
 52 *Pluchea camphorata* (L.) DC.
 53 *Acnida cannabina* L.
 54 *Acnida cannabina* L.
 55 *Chenopodium ambrosioides* L.
 56 *Euphorbia nutans* Lag.

Estuary of Rappahannock
 near Urbanna, Middlesex Co.
 salt marshes and saline sandflats
 Sept. 10, 1939

- 57 *Equisetum*
 58 *Monarda punctata* L.
 59 *Fimbristylis*
 60 *Opuntia*
 61 *Trichostema dichotomum* L.
 62 *Croton glandulosus* L. var. *septentrionalis*
 63 *Scirpus rostratus* Pursh.
 64 *Aster subulatus* Michx.
 65 *Digitaria filiformis* (L.) Koeler.
 66 *Eupatorium*
 67 *Andropogon Elliottii* Chapm.
 68 *Polypernum procumbens* L.
 69 *Cyperus cylindricus* (L.) Britt.
 det. F. J. Hermann

Head of Dogue Creek Estuary, 2 mi. n.w.
Mount Vernon, Fairfax Co. (see list)
(mud flat along stream) Sept. 12, 1939

- 14770 *Cabomba caroliniana* Gray
71 ~~*Eriocaulon*~~ *Eriocaulon Parkii* R. & S.
72 *Potamogeton amplifolius* Tuckerm.
73 *Ceratophyllum demersum* L.
74 *Heteranthera reniformis* R. & P.
75
76
77 *Polygonum arifolium* L.
78 *Calpinus caroliniana* Walt.

(roadside)

- 79 *Trichostema dichotomum* L.

(submerged in running stream)

- 80 *Potamogeton crispus* L.
81 *Vallisneria americana*
82 *Potamogeton epiphythus* Raf.

Hunting Creek, Alexandria, Fairfax Co.
(edge of estuarine marsh) Sept. 17, 1939

- 83 *Pontederia cordata* L.
84 *Iris*
85 *Cyperus*
86 *Xanthium*
87 *Clematis*
88 *Asteromeria alternifolia* (L.) DC.
89 *Panicum dichotomiflorum* Michx.
90 *Panicum*
91 *Aster paniculatus* Lam.
92 *Acer negundo* L.
93 *Panicum*

- 14794 *Acalypha*
95 *Lythrum salicaria* L.
96 *Ambrosia*

Virginia Highlands, Arlington Co.
(weedy vacant lot) Sept. 22, 1939

- 97 *Chrysopsis mariana* (L.) Nutt.
98 *Gerardia tenuifolia* Vahl? det. P. M.
99 *Solidago nemoralis* Ait.
14800 *Helianthus angustifolius* L. det. J. R. B.

.8 mi. n.w. Fairview, Gloucester Co. N.J.

(bushy swales and thickets, glaucous with
Sept. 24, 1939)

- 01 *Juniperus virginiana* L.
02 *Diodia teres* Walt.
03 *Cyperus*
04 *Lespedeza*
05 *Hypericum gentianoides* (L.) D. S. P.
06 *Prenanthes trifoliolata* (Cass.) Fernald
07 *Cypripedium acaule* Ait.
08 *Viburnum dentatum* L. ~~*scabellum* (L.) Chapm.~~
09 *Solidago puberula* Nutt. det. J. R. B.
10 *Eupatorium pubescens* Michx. det. J. R. B.
11 *Gerardia*
12 *Solidago bicolor* L.
13 *Aster*
14 *Ostrya*

.8 mi. s.e. Fairview, Gloucester Co.

(fine sand, mixed woods under
growth of *Clethra*, etc.) Sept. 24, 1939

- 15 *Ilex*
16 *Clethra alnifolia* L.

- 16317 *Epigaea repens* L.
 18 *Xerophyllum aschropholoides* (L.) Nutt.
 19 *Woodwardia areolata* (L.) Moore
 20 *Michella repens* L.
 21 *Botrychium dissectum* Spreng.
 22 *Botrychium dissectum* Spreng. f. *oblongum*

1.4 mi. s.s.e. Fairview, Gloucester Co.
 sandy swale Sept. 20, 1939

- 23 *Aster*
 24 *Solidago*
 25 *Asplenium platyneuron* (L.) Oakes

1 mi. w.s.w. Glenloch, Gloucester Co.
 brushy flats. Sept. 24, 1939

- 26 *Aletris farinosa* L.

.8 mi. w.s.w. Glenloch, Gloucester Co.
 sandy woods, swales, & dunes

Sept. 26, 1939

- ~~27 *Aletris farinosa* L.~~
 27 *Quercus montana*
 28 *Polygonella articulata* (L.) Meisn.
 29 *Monotropa uniflora* L.
 30 *Melampyrum*

Gloucester Co.
 (sandy pine woods, white sand,
 Sept. 24, 1939

- 31 *Asclepias tuberosa* L.
 32 *Euphorbia ipseacanthica* L.
 33 *Lechea*
 34
 35 *Lechea*

- 16335 *Melampyrum*

Chain Bridge, Potomac River, D.C.
 (Rocky flat along river bed.) Sept. 25, 1939

- 36 *Quercus imbricaria* Michx.

37

38

- 39 *Arthraxon hispidus* (Nutt.) Horrida
 var. *supplanthicum*

- 40 *Bidens comosa* (Gray) Wiegand det. S.F. Blake

- 41 *Bidens comosa* Muhl. det. S.F. Blake

Scotland Run.
 1/4 mi. S. Iona, Gloucester Co. N.J.
 (thin woods, white sand) Oct. 1, 1939

- 42 *Centaurea*

- 43 *Trichostema*

- 44 *Aster*

- 45 *Asclepias tuberosa*

- 46 *Euphorbia ipseacanthica*

- 47 *Diodia teres*

- 48 *Cyperus*

- 49 *Opuntia*

- 50 *Hudsonia ericoides*

- 51 *Polygonella articulata*

s.s. side Malaga Lake, Malaga, Gloucester Co.
 (wet sandy flat) Oct. 1, 1939

52

- 53 *Dulichium americanum*

- 54 *Chamaecyparis thyoides*

- 55 *Hudsonia ericoides*

- 56 *Pyrolanthus*

- 57 *Janethia procumbens*

- 58 *Ilex*

- 59 *Eleocharis olivacea* Torr.

(dense, ^{swampy} woods)16360 *Panicum*

Indian B. ranch off Scotland Run, 1 mi. n.w.
 Plainville, 1 mi. s. Jarman, Gloucester Co.
 (open mixed woods, fine white sand)
 Oct. 1, 1939

- 70 61 *Xerophyllum asphodelioides*
 62 *Pistia*
 63 *Solidago*
 64 *Chrysopsis mariana*
 65 *Lespedeza*
 66 *Aster*

Aurora Hills, Arlington Co. Va. Oct. 9, 1939
 (wooded, rather acid ridge, woods
 mostly oak, with some pines
 and scattered ~~other~~ deciduous species)

- 67 *Quercus alba* L.
 10420 68 *Solidago erecta* Pursh.
 10421 69 *Lindernia pyxidaria*
 70 *Oroscorea quaternata*
 71
 72 *Agrostis perennans*
 73 *Galium aparine* L.
 74 *Agrimonia ~~officinalis~~ mollis* det. M. H.
 75 *Houstonia ~~missouriensis~~ purpurea*
 76 *Pentstemon purpureus*
 77 *Muhlenbergia sobolifera* (Muhl.) Trin.
 78 *Lilium strobilatum*
 79 *Elephantopus carolinianus* Willd.
 80 *Solidago caesia* L.
 81 *Solidago erecta* Pursh. det. S. F. A.
 82 *Cervula origanoides*

- 16373 *Cornus florida* L.
 84 *Epigaea repens* L.
 35 *Ascypha virginica* L. det. M. H.
 86 *Galium triflorum*
 87 *Hedera pulegioides*
 88 *Eupatorium sessilifolium* det. S. F. A.

3/4 mi. n.w. Clarkburg, Montgomery Co. Md.
 (road cut through finely cleaving
 talc schist or shale) Oct. 9, 1939

89 *Houstonia*

1 mi. s.e. Clarkburg, Montgomery Co.
 (along highway, edge of mixed ~~wood~~
 woods) Oct. 9, 1939

- 90 *Chrysopsis mariana*
 91 *Lespedeza*
 92 *Aster lanarifolius* L. det. S. F. A.

~~From~~ Virginia Highlands, Arlington Co. Va.
 Oct. 13, 1939

- 93 *Aster pilosus* var. *demotus* Blake det. S. F. A.
 94 *Aster purpureus* L. det. S. F. A.
 95 *Salix humilis repens* det. C. H. B.
 96 *Salix nigra*

Old Rag Mt., Ridge Trail above
 Nethers, Madison Co. Oct. 15, 1939

(wooded slopes, mostly chestnut
 oak with dead chestnut)

- 97 *Rhododendron nudiflorum* (L.) Tuck.
 98 *Menyanthes pilosa* (Muhl.) Pers.
 99 *Solidago caesia* L.

16900 *Houstonia* ~~purpurea~~ *purpurea* 7.09

10901. ~~N. americana~~ *Hedyotis obtusifolia* (Raf.) Torr.
 02. *Houstonia* *Hedyotis purpurea* T. & G.
 03. *Polygala verticillata* L. det. S. J. Oakes
 04. *Cercis canadensis* L.
 05. *Galium latifolium* Michx.
 06. *Galium triflorum* Michx.
 07. *Botrychium obliquum* Muhl.
 08. *Hydrangea arborescens* L.
 09. *Kalmia latifolia* L.
 10. *Lysonia ligustrina*

main ridge of Old Rag Mt.

Madison Co.

Oct. 15, 1939

(exposed ridge, partially bare granite, partly brushy)

11. *Solidago squarrosa* Muhl. det. S. J. Oakes
 12. *Viburnum acerifolium* L.
 13. *Spiraea ~~arguta~~ ^{betulaefolia}* Michx.
 14. *Hydrangea arborescens* L.
 15. *Salix humilis* Marsh.
 16. *Salix sericea* Marsh.
 17. *Ilex montana* (T. & G.) Gray
 18. *Pyrus ~~arbutifolia~~ ^{melanocarpa}* L. det. S. J. Oakes
 19. *Saxifraga ~~concolor~~ ^{microcarpa}* Michx.
 20. *Ilex montana* (T. & G.) Gray
 21. *Pyrus americana* (Marsh.) DC.
 22. *Campanula flexuosa* Michx.
 23. *Mitchella repens* L.
 24. *Solidago puberula* Nutt. det. S. J. Oakes
 25. *Aureolaria laevigata* (Raf.) Raf.
 26. *Butter* *Solidago* *canadensis* T. & G. det. S. J. Oakes
 27. *Stenopetalum* *puberula* Nutt. det. S. J. Oakes
 28. *Solidago puberula* Nutt. det. S. J. Oakes
 29. *Tsuga canadensis* (L.) Carr.

10930. *Sedum telephoides*

saddle trail up west side of Old Rag Mt., Madison Co.

(steep wooded slope) Oct. 15, 1939

31. *Salix humilis* Marsh.
 32. *Salix sericea* Marsh.
 33. *Clematis virginiana* L.
 34. *Castanea dentata* (Marsh.) Brak.
 35. *Hamelis virginiana* L.
 36. *Acer pennsylvanicum* L.

s. of Carl

Gloucester Co. N.J.

Oct. 21, 1939

37. *Lycopodium alpecanoides*

New Brooklyn, Gloucester Co. N.J.
 (brushy woods on white sand)

Oct. 21, 1939

38. *Hudsonia ericoides* L.
 39. *Leptophyllum buxifolium* (Berg.) Ell.
 40. *Pyxidanthus barbulata* Michx.
 41. *Kalmia angustifolia* L.
 42. *Xerophyllum ~~acutifolium~~ ^{phodoloides}* (L.) Nutt.

near Great Egg Harbor River

Gloucester Co.

Oct. 21, 1939

43. *Pyrus arbutifolia* (L.) L.f.
 44. *Solidago*
 45. *Acer*

A

Aurora Hills, Arlington Co. all
scattered clumps
Along small streamlet in
swampy woodland of mixed
deciduous trees and ~~scrub~~
Pinus virginiana. Apr. 24, 1941

Caespitose shrub about
4 m. tall, staminate catkins
pendant, brownish-yellow.

* 16946

Alnus

Virginia Highlands, Arlington Co.
edge of small weedy bog
clump several - acorns 1 m.
tall, catkins silvery with
a reddish cast when young,
anthers yellow with red
tip, pollen yellow, filaments
white. Apr. 7, 1941

* 16947

Fagus

Virginia Highlands, Arlington Co.
thicket in small weedy bog
young tree 4 m. tall
bark grey, base, panicle, pedicel
and stigmas deep red, young
greenish red. Apr. 7, 1941

* 16948

Acer

Globe Rock 15 km. N. of Arlington Co. Ridge Road,
Arlington Co. Apr. 7, 1941
abundant in swampy flat
bottom land in brushy deciduous
woods - alder, willows, oaks, maple, etc.

tree 5 m. tall, 3 dm. diam. near
base, pedicels greenish, perianth
red, disk yellow, filaments
white, anthers dark purple.
Apr.

16949

Aurora Hills, Arlington Co.

Apr. 27, 1942

Then second growth woods
on top of ridge chiefly around

leading
to
road.

locally
scarcely
and very
horizontal
somewhat
succulent
white

L.

Arlington Co.

15 m. tall.

broken branches aromatic,
flowers pale greenish
yellow, stamens orange

4) *Sassafras albidum*

5) *Sassafras albidum*

A

Aurora Hills, Arlington Co. alt.
 scattered ~~climbers~~
 Along small streamlet in
 swaly woodland of mixed
 deciduous trees and ~~scrub~~ ^{scrubby} ~~forest~~
Pinus virginiana. Mar 24, 1940

Caespitose shrub about
 4 m. tall, staminate catkins
 pendent, brownish-yellow.

* 16946

Alnus ~~monticola~~

V.

PLANTS of VIRGINIA

Arlington County

Sassafras albidum

Locality: Virginia Highlands, near Jefferson Davis
 Highway.

Occurrence: Excavated clay beds.

Date: April 27, 1940

Coll. F.R. Fosberg

No. 16952

Det.

Remarks: Young trees 1.5-2.5 m tall, broken branches
 aromatic, flowers pale greenish-yellow,
 staminodes orange, female flowers.

* 16947

* 16948 *Acer*

Globe Road 25 km. W. Arlington Ridge Road,
 Arlington Co.

Apr. 7, 1940

abundant in swampy flat
 bottom land in brushy deciduous
 woods - alder, willows, oaks, maple, etc.

tree 15 m. tall, 3 dm. thick near
 base, pedicels pinkish, perianth
 red, disk yellow, filaments
 pink anthers dark purple.
 Rare

16949

Aurora Hills, Arlington Co.

Apr. 27, 1940

Thin second growth woods
 on top of ridge, chiefly around
 burned spots. Spreading
 stems from a basal rosette,
 corollas lemon yellow.

16950

Corydalis

Abundant very locally
 North slope, very sparsely
 wooded brush burned over.
 Perennial from a horizontal
 subglobose crown, somewhat
 proliferating; scape uncinat,
 very brittle, petals white

16951

Saxifraga virginica L.

Arlington Co.

Excavated clay ~~beds~~ beds,
 young trees 1.5-2.5 m. tall.
 Broken branches aromatic,
 flowers pale greenish
 yellow, staminodes orange.

52

Sassafras albidum

53

Sassafras albidum

A

Aurora Hills, Arlington Co. alt
 scattered clumps
 Along small streamlet in
 swaly woodland of mixed
 deciduous trees and ~~scrub~~ ^{scrub}
Picea virginiana. Mar 24, 1940

Caespitose shrub about
 4 m. tall, staminate catkins
 pendent, brownish-yellow.

* 16946

Alnus ~~incana~~ ^{incana}

Virginia Highlands, Arlington Co.
 edge of small weedy bog
 clump several m. across, 1 m.
 tall, catkins silvery with
 a reddish cast when young
 anthers yellow with red
 tip, pollen yellow, filaments
 white Apr 7, 1940

* 16947

Salix

Virginia Highlands, Arlington Co.
 thicket in small weedy bog.
 young tree 4 m. tall 6-8 cm
 thick near base, beneath, pedicels
 and stipules deep red, very
 greenish red. Apr 7, 1940

* 16948

Acer

Globe Road 2.5 km. W. Long's Ridge Road
 Arlington Co. Apr 7, 1940
 abundant in swampy flat
 bottom land in brushy deciduous
 woods - alder, willows, oaks, maple, etc.

tree 15 m. tall, 3 dm. thick near
 base, pedicels pinkish, perianth
 red, disk yellow, filaments
 pink, anthers dark purple.
 16949 *Acer*

Aurora Hills, Arlington Co.

Apr 27, 1940

Then second growth woods
 on top of ridge, chiefly around
 burned spots. Spreading
 stems from a basal rosette,
 corollas lemon yellow.

16950

Corydalis

Abundant very locally
 North slope very sparsely
 wooded brush burned over.
 Perennial from a horizontal
 subglobose crown, somewhat
 proliferating; scape caulescent,
 very brittle, petals white

16951

Saxifraga virginica L.

Arlington Co.

Excavated clay ~~beds~~ ^{beds}
 young trees 1.5 - 2.5 m. tall.
 broken branches aromatic,
 flowers pale greenish
 yellow, stamens very

52

Sassafras albidum

53

Sassafras albidum

Maryland May 6, 1940

just south of
Lyons Creek, 2 miles east of the Patuxent
River, Anne Arundel Co. alt. ^{1370'}
swampy deciduous woods.

- 16554 *Viola*
55 *Arisaema*
56 *Ranunculus*
57 *Fagus*
58 *Vaccinium strovacuum*
59

just north of Meadows, Prince George Co.
edge of thin pine woods, ^{1380'}
young pine seedlings abundant.

- 60 *Amelanchier*
61 *Amelanchier*
62 *Amelanchier*
63 *Hedysotis caerulea*

Priest Bridge, Patuxent River, Prince George Co.
76° 42' W., 38° 51' N. alt. 11 m. May 7, 1940
swampy bottom lands along river.

- 64 *Salix nigra* L. det. C. R. Ball
65 *Claytonia virginica*
66 *Mertensia*

0.5 mi. S.W. of Lanham, Prince George Co.
76° 51' W., 37° 58' N. alt. 45 m. May 8, 1940

- 67 *Vaccinium*
68 *Vaccinium*

Virginia

Virginia Highlands, Arlington Co.
Pasture, with scattered
deciduous trees.

- 16969 *Crataegus*
70 *Celtis occidentalis*
71 *Pyrus coronaria*

Pocon shelter, Shenandoah Nat. Park,
5 mi. S. of Furnace, Blue Ridge Mts.
Furnace Co. 9200 m. May 18, 1940

shad. Wet, sp. place in thin
scrubby woods.

- 72 *Crataegus macrocarpa* Ashe det. C. R. Ball
73 *Senecio aureus*
74 *Cardamine pennsylvanica* Muhl.
75 *Stellaria media*
76 *Viola papilionacea* Pursh det. C. R. Ball
77 *Ranunculus abortivus*

dry thin deciduous woods

- 78 *Asarum canadense*
79 *Viola hirtelliana* L. var. *apiculate* (Pursh) Muhl.
80 *Fragaria virginiana* Duch.
81 *Hammamelis virginiana*
82 *Stellaria pubera* Michx.
83 *Ribes rotundifolium* Michx.

Fauquier Co.

Deciduous woods

- 84 *Vaccinium stamineum*

vicinity of Pocosin shelter,
Shenandoah Nat. Park, 5 mi. E of
Furnace, a slope of Blue Ridge,
Madison Co. June 3, May 19, 1940

16985. *Pro complanata*

86. *Cerastium vulgatum* L.

87. *Viola palmata* L. det. Lilian

slope of broken rock and soil, open or
thin deciduous woods 950 m.

88. *Cypripedium calceolus* L. var. *pubescens* (Mill.) B.S.P.

89. *Pedicularis canadensis* L.

90. *Betula lenta*

91. *Zizia ^{aptera} ~~rotunda~~* (Walt.) DC.

92. *Polypodium vulgare*

93. *Monotropa uniflora*

94. *Ranunculus hispidus* Michx.

95. *Arisaema atrombrosa* (L.) Bl.

96. *Arisaema atrombrosa* (L.) Bl. var. *plumbosum* (L.) Bl.

97. *Antennaria plantaginifolia* (L.) Rich.

98. *Juglans cinerea* L.

99. *Potentilla canadensis* L.

17000. *Ranunculus hispidus* Michx.

01. *Veronica officinalis*

02. *Smilacina racemosa* var. *cylindrica*

03. *Lindera benzoin*

04. *Galium aparine*

05. *Habenaria viridis* var. *tractata*

06. *Botrychium virginicum*

07. *Adiantum pedatum*

08. *Viola encarpa* Schum. var. *leucarpa* Fernald

09. *Geranium maculatum*

10. *Polygonatum biflorum*

11. *Viola septentrionalis* Greene det. Lilian

17012. *Taraxacum ^{palustre} vulgare* det. S.F.H.

13. *Capsella bursa-pastoris*

14. *Lamium amplexicaule*

15. *Veronica americana* L.

16. *Aralia nudicaulis*

Big Meadows, ~~Shenandoah~~ - Madison
Co. ~~Shenandoah~~ 1175 m. May 19, 1940
4 1/2 mi. E. by 1/2 from Stanley
Swamp

17. *Luzula campestris* (L.) Hb. var. *multiflora* (L.) Hb.

18. *Arnica montana* L. var. *laevis* (Wieg.) Hb. det. Michx.

19. *Pyrus melanocarpa*

20. *Hedysotis caerulea*

21. *Ranunculus hispidus* Michx.

22. *Urtica sessilifolia*

23. *Spiraea latifolia*

24. *Caltha palustris*

25. *Osmunda claytoniana* L.

26. *Anemone quinquefolia* L.

Extensive meadows, with
scattered bushes and trees

27. *Viola sagittata* Ait. det. Lilian

28. *Pinus strobus*

29. *Pinus pungens*

30. *Viola septentrionalis* Greene det. Lilian

31. *Betula populifolia*

32. *Antennaria plantaginifolia* (L.) Rich.

33. *Viola fimbriatula* J. & G. det. Lilian

34. *Lycopodium complanatum*

35. *Carex pennsylvanica* Lam.

36. *Luzula campestris* (L.) Hb. var. *multiflora* (L.) Hb.

37. *Lilium carolinianum* Walt.

Headwaters of Roan River below
Shenandoah Nat. Park
Fisher Gap, E. slope of Blue Ridge,
Madison Co. 4 1/2 mi. E. Stanley 9000 ft.
May 19, 1940

17038. *Viburnum opulus*
39. *Acer pennsylvanicum*
40. *Polypodium ~~virginicum~~ vulgare*
41. *Cornus florida*
42. *Vaccinium pallidum* Ait.
43. *Viola palmata* L. det. C. L. Cline

Hogcamp Hollow, ~~along~~ Shenandoah
Nat. Park, E. slope of
Blue Ridge, Madison Co., 4 1/2 mi. E. of
Stanley May 19, 1940

Wooded ravine.

44. *Polypodium vulgare*
45. *Tsuga canadensis*
46. *Asplenium trichomanes* L.
47. *Dentaria laciniata* Michx.
47. *Arisaema atrorubens* (Rit.) Bel.
47. *Viola haectata* Michx. det. C. L. Cline
50. *Viola canadensis* L. det. C. L. Cline
51. *Sedum ternatum* Michx.
52. *Barbarea vulgaris* verna (Mill.) Beck.
53. *Saxifraga micranthoidifolia*
54. *Prunus virginiana* L.

Crescent Rocks, Shenandoah Nat. Park
Cliff above road. Page Co. May 19, 1940

55. *Clematis ~~recta~~ verticillaris* Dr.
56. *Abies balsamea* var. *phaneroloba*

Near end of Whiteside Can. Fire Trail

57. *Asplenium laevis* Willd. det. Small May 19, 1940

Virginia Highlands

Arlington Co. June 12, 1940

Pasture with patches of woods
tree 6-7 m tall, fls waxy, ^{invisibly}
cream color, fragrant.

- 17058 *Diospyros virginiana*

same loc.

June 22, 1940

bushy old field, dense stand
in small area, plants erect
but supported by tendrils
around other plants, fls. purple

17059

- 60 *Vicia angustifolia* Reich det. P. J. H.

open pasture fls bright yellow

- 61 *Oenothera perennis*

Virginia Highlands, Arlington Co.

June 22, 1940

- 62 *Carex gynandra* Schwein.
swampy low ground

- 63 *Lambucus canadensis*

- 64 *Ligustrum ligustrina*

vacant lot clay soil, not
well drained.

- 65 *Hedysotis caerulea*

- 66 *Scutellaria*

- 67 *Oenothera tetragona* var. *typica*

- 68 *Sericocarpus linifolius* (L.) B. S. P.

- 69 *Aletris farinosa*

Virginia Highlands, Arlington Co.

Weedy slope with a few trees. June 25, 1940

- 17070 *Oenothera tetragona* var. *typica*
 71 *Oenothera tetragona* var. *typica*
 72 *Solanum carolinianum*
 73 *Trifolium arvense* det. J. T. Howell
 74 *Asclepias*
 75 *Agrostis alba* L.
 76 *Coreopsis*
 77 *Vaccinium*
 78 *Coreopsis tinctoria* Nutt.
 79 *Agropyron repens* (L.) Beauv.
 80 *Agropyron repens* (L.) Beauv.
 81 *Rubus bifrons* Vahl

Alexandria, Va.

Hunting Creek

June 30, 1940

Wet ground at high tide level - scattered plants

- 82 *Sparganium*

Cult. at Takoma Park, Md. July 3, 1940
from seeds from

- 83 *Claytonia*

Virginia Highlands near Jefferson

Davis Highway, Arlington Co. Va. near

- 84 *Fraxinus pennsylvanica* Tree 10 m. tall July 2, 1940

Aurora Hills, Arlington Co. July 6, 1940

- 85 *Quercus*
 86 *Quercus*
 87 *Oenothera fruticosa* f. *angustifolia*

- 17080 *Polygala curtissii* Gray
 89 *Rubus argutus* Link. det. M. C. V.
 90 *Rubus frondosus* Bigel. det. M. C. V.
 91 *Pteridium aquilinum* (L.) Kuhn.
 92 *Gallussacia baccata*
 93 *Rubus glabra*
 94 *Baptisia tinctoria*
 95 *Asparagus officinalis*
 96 *Sericocarpus asteroides*

Pyrola

Carex

Polygala

July 7, 1940

with V. C. F.

wooded swamp in flat land along creek

17100 *Alium*

- 1 *Oenothera*
 2 *Cornus amomum* Mill.
 3 *Sambucus canadensis* L.
 4 *Thalictrum*
 5 *Oenothera*
 6 *Ilex*
 7 *Lycopodium obscurum* L.
 8 *Rubus*
 9 *Panicum*
 10 *Rosa carolina* L.
 11 *Galium triflorum* V. *tinctorium* (L.) Hara
 12 "
 13 *Carex lurida* Walp.
 14 *Carex intumescens* Rudge

- 17015 *Vitis lubrusca* L.
16 *Rhus vernix* L.
17 *Spiraea latifolia* Borkh.
18 *Pteridium aquilinum* (L.) Kuhn.
19 *Lycopodium*
20 *Galium*
21 *Carex*

Virginia Highlands, Arlington Va.
steep open slopes partly exposed

- 22 Euphorbia ~~marginata~~ *marginata*
23 Plantago rugelii
24 Apocynum cannabinum

July 19, 1940

- 15 Rubus

Brushy slope, dense thicket,
primocanes erect, floricanes
arching, both about 2 m. tall,
fruit black when ripe, sweet and
juicy.

- Rubus bifrons*
- Vahl.

-same clump as no. 17081, roadside,
edge of marsh, foot of steep
weedy slope, canes low
arching, pinocane elongate
and at apex sometimes
creeping under dense
vegetation, ^{apex} etiolated, fruits
large, juicy but not especially
sweet.

- 17127 *Rubus cyprius*

cited 4 NB
 7th Nov 1974

I near top of steep slope,
among trees, densely over-
grown with Lonisera japonica,
canes low-arching, sometimes
several meters long, primrose
at apex creeping on ground
under dense vegetation,
apical portion elongate
and etiolated, ~~fruit black~~
no part of primrose
noticeably pruinose.
Though exposed portions
flesh red. Note difference
in ornamentation of upper and lower

gates 1426, 5:856, 1942

Det. L. H. Bailey

Rubus triplex

Feet

7 Feb 1912

river near intersection of Buck Hollow
Appalachian Co. 340 m. July 28, 1910

to edge of woods near street

um Chapous &

chia can fastigiata (Ref.) H. B. K.

rodium album L.

antirrhina T.

~~Carya~~ *verrucata*. Holmes & S.

via Lathyrus L.

cune perforatum L.

paniculata

Polissus quinquefolia (L.) Blanch.

Strophomena incertum (L.) Michx.

38. *Cigropyrus repens* (L.) Beau. det. Swallen

39. *Rapulum pratense*

40. *Anemone virginiana* L. det R. G. & Martin

- 17115 *Vitis lubrusca* L.
 16 *Rhus vernix* L.
 17 *Spiraea latifolia* Borkh.
 18 *Pteridium aquilinum* (L.) Kuhn.
 19 *Lysimachia*
 20 *Galium*
 21 *Carex*

Virginia Highlands, Arlington, Va.
 steep open slope July 1940

- 12 *Euphorbia corollata* marginata
 23 *Plantago rugelii*
 24 *Apocynum cannabinum*

15 *Rubus*

crushy slope, clear
 primocanes erect, &
 arching, both above
 fruits black when
 juicy.

- 26 *Rubus bifrons* Vest
 same clump as no. 17081
 edge of marsh, for
 weedy slope, cane
 arching, primocanes
 and at apex soon
 creeping under common
 vegetation, ^{at apex} etiolated, fruits
 large, juicy, but not especially
 sweet.

PLANTS OF MARYLAND

Pinner's Island, in the Potomac River, near Cabin John, Montgomery County

WILLIAM B. MAXON, Collector

- 17127
- Rubus bifrons*

collected 5400
 feet alt. 6570
 (1940)

near top of steep slope,
 among trees, densely over-
 grown with *Lonicera japonica*,
 canes low-arching, sometimes
 several meters long, primocanes
 at apex creeping on ground
 under dense vegetation,
 apical portion elongate
 and etiolated, ~~fruit black~~
 no part of primocane
 noticeably pruinose,
 though abraded portions
 purplish red. Note difference
 between tomentum of upper and lower
 lvs.

Thanton River near intersection of Buck Hollow
 trail, Rappahannock Co. 340m. July 21, 1940

- Thickets edge of woods near stream
 17128 *Verbascum thapsus* L.
 29 *Paronychia can fastigiata* (Raf.) Tuckerm.
 30 *Chenopodium album* L.
 31 *Silene antirrhina* L.
 32 *Rubus* ~~maclurei~~ *maclurei* L. *hispidus* Raf.
 33 *Euphorbia lathyris* L.
 34 *Hypericum perforatum* L.
 35 *Phlox paniculata*
 36 *Parthenocissus quinquefolia* (L.) Planch.
 37 *Pycnanthemum incanum* (L.) Michx.
 38 *Cleome recta* (L.) Benth. det. S. W. Allen
 39 *Thalictrum pratense*
 40 *Anemone virginiana* L. det. R. F. Martin

- 17015 *Vitis labrusca* L.
 16 *Rhus vernix* L.
 17 *Spiraea latifolia* Borkh.
 18 *Pteridium aquilinum* (L.) Kuhn.
 19 *Lysimachia*
 20 *Galium*
 21 *Carex*

Virginia Highlands, Arlington, Va.
 steep open slope July 19, 1940

- 22 *Euphorbia corollata* marginata
 23 *Plantago rugelii*
 24 *Apocynum cannabinum*

25 *Rubus*

July 19, 1940

brushy slope, dense thicket,
 primocanes erect, floricanes
 arching, both about 2 m. tall,
 fruits black when ripe, sweet and
 juicy.

26 *Rubus bifrons* Vahl.

same clump as no. 17081, roadside,
 edge of marsh, foot of steep
 rocky slope, canes low
 arching, primocanes elongate
 and at apex sometimes
 creeping under dense
 vegetation, ^{apex} etiolated, fruit
 large juicy but not especially
 sweet.

17127 *Rubus* *bifrons*

cited L.H.B.
 just under 1.5 m.
 1940

near top of steep slope,
 among trees, densely over-
 grown with *Lonicera japonica*,
 canes low-arching, sometimes
 several meters long, primocanes
 at apex creeping in ground
 under dense vegetation,
 apical portion elongate
 and etiolated, fruit black,
 no part of primocane
 noticeably pubescent,
 though exposed portions
 purplish red. Note difference
 between ornament of upper and lower
 lvs.

Thornton River near intersection of Buckholter
 Trail, ^{Richmond Co.} 340 m. July 28, 1940

Thicket, edge of woods near stream

- 17128 *Verbascum thapsus* L.
 29 *Paronychia can fastigiata* (L.) Fern.
 30 *Chenopodium album* L.
 31 *Silene antirrhina* L.
 32 *Ruscus* ~~maurandica~~ ^{maurandica}, *holcagifolia*
 33 *Euphorbia lathyris* L.
 34 *Hyssopus perforatum* L.
 35 *Phlox paniculata*
 36 *Parthenocissus quinquefolia* (L.) Planch.
 37 *Pycnanthemum incanum* (L.) Michx.
 38 *Agropyron repens* (L.) Beauv. det. Swallen
 39 *Trifolium pratense* L.
 40 *Anemone virginiana* L. det. H. J. Martin

Headwater of Thornton River Alt 525 m. July 28, 1940
Slope above road

17141. *Helianthus divaricatus* L.

Same locality road cut 600 m.

17142. *Oenothera biennis* L.

43. *Hedyotis obtusifolia* (Raf.) Tuckerm.

Thornton Gap Blue Ridge Mts. 700 m. July 28, 1940
Crushy slope

17144. *Corylus rostrata* Nutt. var. *cornuta* Michx.

45. *Rubus flagellaris* Willd. det. Michx.

46. *Senecio carnosus* (L.) B. & P.

47. *Rubus pro flagellaris* Willd. det. Michx.

48. *Monarda fistulosa* L.

49. *Rubus glaucovirens* (Barb.) ? det. Michx.

50. *Ptelea trifoliata*

Same locality Paved Surfaced Parking Lot.

17151. *Patula oleracea*

52. *Euphorbia maculata* L. var. *rugosa* Raf.

53. *Bulbostylis capillaris* (L.) C. B. Cl.

54. *Sida spinosa*

55. *Digitaria sanguinalis*

56. *Molugo verticillata*

57. *Eragrostis pectinacea* (Michx.) Nees det. Michx.

58. *Dioscorea teres*

59. *Stachys Triclinum canadense* L.

Proctor Shelter Shenandoah Natl. Park.

5 mi. e of Fanner, S. slope Blue Ridge Mts.

Pres. M. Co. 920 m.

July 28, 1940

17160. *Panicum Canadense* (L.) Scribn. & Merr.

61. *Oenothera biennis* L.

17162. *Sambucus canadensis*

63. *Oenothera biennis* L.

64. *Rhus typhina* L.

65. *Carex convoluta* Michx. July 29, 1940

66. *Chrysanthemum leucanthemum* L.

67. *Anthemis arvensis* L. det. Michx.

68. *Leonurus cardiaca* L.

69. *Anthemis arvensis* L. det. Michx.

70. *Rumex acetosella* L.

71. *Geum canadense* Michx.

72. *Plantago lanceolata*

73. *Lactuca canadensis* L.

74. *Melilotus alba*

Wooded Rocky slope.

17175. *Thalictrum flavum* (L.) Guss. det. Michx.

76. *Filix neglecta* Michx.

77. *Hyptis patula* Moench. det. Michx.

78. *Thlaspi barbinode* (Michx.) Michx.

79. *Hydrangea arborescens*

80. *Circaea quadrifida* (L.) Muhl. det. Michx.

81. *Carex sparganioides* (Michx.) Michx.

82. *Osmorhiza claytonia* (Michx.) Michx.

83. *Dryopteris filix-mas* (L.) L. det. Michx.

84. *Galium canadense* Michx.

85. *Amelanchier canadensis* (L.) Muhl. det. Michx.

86. *Galium latifolium* Michx.

87. *Galium triflorum* Michx.

88. *Rubus allegheniensis* Porter det. Michx.

89. *Aralia racemosa* L.

90. *Lolium perenne* L. det. Michx.

91. *Fraxinus americana* L.

92. *Liriodendron tulipifera* L.

0.7 mi. s. of Lewis Mountain Picnic Ground.

July 27, 1944

- Grassy road cut, edge of woods
17193. ~~Potentilla~~ Agrostis alba L. det. Swallen
 94. Zizia aurea (Walt.) DC. det. McV.
 95. Potentilla norvegica L. var. hirsuta
 96. Ligusticum canadense (L.) Britt. det. McV.
 97. Acer rubrum L.

Lewis Mountain Picnic Ground

July 28

- Grassy road cut, edge of woods. 10550m.
98. Lycopodium virginicum L.
 99. Galinsoga ciliata det. J. F. Blake
 100. Monarda clinopodioides L.
 01. Polygonum persicaria L.

s. slope of Bear Fence Mt. 9800-10000 m.

above Slaughter School Rd. Greene

bushy slope mostly Quercus alifolia

02. Prenanthes trifoliolata (Lam.) Torr. det. J. F. Blake
 3. Pinus resinosa
 4. Pteridium aquilinum
 5. Kalmia latifolia
 6. Amelanchier canadensis (L.) Medic.
 7. Sarcophaga albida
 8. Galium latifolium Michx.
 9. Aster macrophyllus Michx. var. southern Maryland
 10. Ceanothus americanus L.
 11. Spiraea corymbosa
 12. Campanula ~~divaricata~~ Michx. det. J. F. Blake
 13. Castanea dentata
 14. Anemone alba Lamour. Wieg. det. McV.
 15. Hedysotis obtusifolia (L.) Torr.
 16. Ruellia integrifolia L.

17. Ilex montana

18. Robinia pseudoacacia

✓ 19. Sericocarpus aschersonii (L.) B. & P.

20. Galium trifoliata

21. Angelica villosa (Walt.) B. & P. det. McV.

Top of Bear Fence Mt. alt. 10800m.

det. woods. Greene. July 28

22. Discaria ~~guatemalensis~~ (L.) Griseb. var. glauca (Muhl.) DC.

23. Rubus alleghaniensis Pursh. det. McV.

24. Prunus virginiana

25. Amaranthus strifolia

26. Pyrus americana

27. Pyrus melanocarpa Michx.

28. Actaea virginiana

29. Bitella lutea L.

30. Cystopteris fragilis (L.) Bernh. var. ~~fragilis~~ Michx.

31. Lilium philadelphicum L.

Spiller Knoll Overlook 9800m.

31. Centaurea maculosa Lam.

32. Juniperus ~~horizontalis~~ virginiana

Old Hawkbill Trail up from Hawkbill

gap to Summit of Hawkbill Mt.

10955-12450 m. July 29, 1944

Rocky road, edge of woods

34. Actaea ~~lutea~~ ~~racemosa~~ Michx. det. McV.

35. Prunella rubens Serg.

36. Abies

37. Adiantum ~~platyneuron~~ ~~platyneuron~~ Michx.

38. Viola canadensis L. det. Greene

Virginia, Blue Ridge Mts. Sta.
3127. 11.4.

17239. *Hedysotis coccinea*
 40. *Carya cordiformis* (Wang.) K. Koch
 41. *Galium lanceolatum* Torr.
 42. *Galium latifolium* (L.) Triflor.
 43. *Heracium paniculatum*
 44. *Cornus alternifolia*
 45. *Abies balsamea* var. *phanerolepis*

Summit of Hawksbill Mts. 1141 m
 rocky summit ledges July 25, 1940

46. *Abies balsamea* var. *phanerolepis*
 47. *Pieris litoralis*
 48. *Betula lutea* Michx.
 49. *Hedysotis coccinea*
 50. *Lupinus albus* (L.) Desf.
 51. *Delphinium* *purpureum*

Old Hawksbill Mts. Summit of
 Hawksbill Mts. woods 1141 m
 wooded rocky slopes July 25, 1940

52. *Sparganium angustifolium* (Raf.)
 53. *Solidago juncea* Ait. 7. 2. 1941
 54. *Hedysotis coccinea*
 55. *Solidago juncea* Ait. det. S. F. Blake

Appalachian Trail, near Hawksbill
 Mts. woods July 25, 1940 1140 m

56. *Eupatorium purpureum* L.
 57. *Thaspium barbinode* (Walt.) K. Koch, det. M. C.
 58. *Cornus virginiana* L.
 59. *Rubus coccineus* L. det. M. C.
 60. *Lonicera maicandica* L.

Virginia Sta.

Appalachian Trail, near Hawksbill
 Mts. woods, near of Hawksbill
 det. M. C. 1102 m. July 25, 1940
 Open rolling meadow with
 scattered bushes and clumps
 of trees.

17261. *Smilax glauca*
 62. *Hypoxis perforatum* L.
 63. *Carya ovata* (Wang.) Wang. *glabra*
 64. *Vaccinium pallidum*
 65. *Asclepias macrophylla* var. *lanthina* (Wang.) Pan. det. S. F. Blake
 66. *Carya glabra* Mill. Sweet
 67. *Crataegus macrocarpa* Ait. det. S. F. Blake
 68. *Dryopteris marginalis* (L.) Presl
 69. *Solidago juncea* Ait. det. S. F. Blake
 70. *Athyrium angustum* (Willd.) Presl
 71. *Melanthium latifolium* Desf.

Virginia Highlands, Edington Co.
 swampy swamp Aug. 13, 1943

72. *Delphinium*
 73. *Rhynchospora glomerata* var. *minor*
 74. *Xyris torta* (L.) L.

same loc. Aug. 9, 1944
 pasture with scattered trees
 and bushes

75. *Phytolacca decandra* L.
 76. *Symphoricarpos orbiculatus* Moench
 77. *Cuscuta pentagona* Engelm.

1 1/2 mi. s. of Front Royal

Aug 24 1940

on Skyline Drive, Warren Co. 2200 ft.

weedy, wooded slope

17278. *Triodia flava*

open place

17279. *Juniperus virginiana*17280. *Actinomeris alternifolia* (L.) DC.81. *Physalis subglabrata* Mack. + Benth.82. *Rorippa japonica* Thunb.83. *Altis occidentalis*

small ravine

84. *Ulmus americana* L. small tree85. *Bidens bipinnata* L.86. *Rhus toxicodendron*87. *Asparagus officinalis*88. *Achillea millefolium*89. *Hedysotis obtusifolia* (Raf.) Hooker var.

cut banks, edge of trail

90. *Ipomoea hederacea* Jacq. det. R. S. W.91. *Lida spinosa* L.92. *Euphorbia hirsuta* L. det. M. V.93. *Euphorbia petiolata* (L.) Koch94. *Acalypha rhomboides* Raf. det. M. V.95. *Ipomoea lacunosa*96. *Setaria viridis* det. F. W. Went97. *Medicago lupulina* L. det. M. V.98. *Euphorbia dentata* det. M. V.2 1/2 mi. s. of Front Royal on Skyline Drive
Warren Co. 4500 ft 1500 ft

weedy opening - woods

small clumps of 2-4 stems.

tops purple

tall 4 m. tall. fruits light blue
plant up to 1.5 m. tall. rays yellow.
most heads unopened
fls. yellow with dark brown
center

Vine climbing over trees, fruit immature

small tree 4 m. tall. strongly

fruits turning orange

slender tree, 5 m. tall, shaded.

Rays yellow

Woody climber, on trees

sterile

flowers white, herbage aromatic

edges of fruit fls. lavender pink

fls. blue. vine, turning orange

stigma capitate.

in hollow

top of stem swelling

fls. deep crimson-purple

leaves glaucous, roots with 1-2 tubers

fls. white stigma capitate

fls. yellow

fruits pinkish at base

- ✓ 17299. *Lactuca floridana* (L.) Galet. det. S.F.H.
 300. *Lactuca scariola*
 roadside
 01. *Polygonum virginicum* L.
 02. *Ulmus fulva* Michx.
 thick woods
 03. *Carya glabra*
 roadside
 04. *Echinochloa crus-galli*
 roadside
 05. *Polygonum aviculare*
 roadside

Pickett Hill, Picnic Grounds Aug. 20, 1940

3 1/2 mi. s. of Front Royal, Warren Co. 1900 ft.

06. *Helianthus decapetatus* L. det. S.F.H.
 open woods
 07. *Campylopus americanus* det. M.C.H.
 open grassy place among trees
 08. *Pinus strobus* L.
 open grassy place
 09. *Juglans nigra* L.
 10. *Polygonum persicivarium* L. det. M.C.H.
 roadside
 11. *Ambrosia trifida*
 roadside

Near Squab Knob, Berkeley

4 mi. s. of Front Royal, Warren Co. 700 ft.

part of roadcut

Aug. 24, 1940

12. *Aster patens* Nutt. det. S.F.H.
 13. *Prenanthes alba* L.
 14. *Pyrola asarifolia* L.

plant with milky sap, erect fls. purplish-lilac
 " " " " fls. yellow

plant erect
 tree 8 m. tall.

tree 10 m. tall. bark moderately rough.

prostrate

plant prostrate,

herb 2 m. tall with strong mucous odor fls. yellow
 leaves gray-glaucous beneath
 fls. lavender blue.

tree 4 m. tall.

tree 5 m. tall, fruit fully developed but immature
 erect plant 2 m. tall, fls. pink.

herb 2 1/2 m. tall

Rough bark
 strong purple flowers tall but not very showy
 berries strongly and pleasantly aromatic

- Haystack Mt. Overlook, just W of Haystack Mt.
 172 Above Bear Wallow Canyon Co. 765 - 13200 ft.
 17315 - *Paronychia fastigiata*
 steep slope below road
 16 - *Paronychia montana*
 steep slope below road
 17 - *Silene latifolia cucubalis*
 steep slope
 18 - *Bidens frondosa* L. det. S.F.B.
 steep slope
 19 - *Quercus rubra*
 wooded slope
 20 - *Quercus alternifolia* L.f.
 wooded slope
 21 - *Quercus rubra*

Flat at source of growing from
 base of Bear Wallow Page 5. 13200 ft.
 wooded flat of broken rock, woods nearby
 numerous little in between

- 22 - *Galium latifolium* Michx. det. M.K.
 23 - *Lyngbya divaricata* det. S.F.B.
 24 - *Salicaria paniculata* L.
 25 - *Polypodium canadense* L.
 26 - *Galium triflorum* Michx.
 27 - *Chrysanthemum rugosum* H. & A.
 28 - *Brachyelytrum erectum* det. S.F.B.
 29 - *Scirpus racemosa* (L.) Nees. on cylindrical base
 30 - *Aster schreberi* det. S.F.B.
 31 - *Eleocharis acicularis* L.
 32 - *Clintonia umbellulata* (Michx.) M. & A.

plant low with stems somewhat ascending

plant depressed, forming low rounded clump

fls. white. base slightly glaucous
 leaves
 head enlarged

tree 8 m. tall, acorns abundant

tree 2 m. tall, base glaucous beneath
 panicle reddish berries blue
 tree 6 m. tall, rounded, acorns few

plant depressed, stems prostrate, leaves
 erect, pedicels turned down at ends fls. blue
 plant erect, fls. yellow
 leaves very crumpled, fls. pale yellow, 1 m. tall
 plant erect, prostrate, root yellow
 plant erect, fls. white
 erect, 1 m. tall, in small clumps
 plant erect, leaves prostrate
 rhizome longitudinally pitted with thin longitudinal
 white stripes, nig. of single pith variable
 rays pale lavender
 one climbing over trees, sterile
 rhizome deeply branched, white, fruits blue
 blue when ripe

33. *Aster laevis* L.
 side small streamlet
 34. *Polygonum sagittatum*
 edge of small streamlet
 35. *Aster scabratus* Michx.
 edge of small streamlet
 36. *Aquilegia canadensis*

Crest Rocks

Page Co. 11071-2500 ft

top of steep rocky cliff

Aug. 24, 1942

37. *Abies balsamea* (L.) var. *phanerophylla* (L.)
 38. *Abies balsamea* (L.) var. *phanerophylla* (L.)
 39. *Juniperus communis* ssp. *horizontalis* (L.)
 40. *Monticola* *luteola*
 rock crevices
 41. *Crataegus intricata* (L.)

Hanksville Gap,

Madison Co. 11074-3360 ft

42. *Abies balsamea* (L.) var. *phanerophylla* (L.)
 rocky flat
 43. *Antennaria* *pedicularis*
 44. *Antennaria* *pedicularis* *franca*
 abundant - small - overlapping

Big Meadows Camp Ground,

Madison Co. Page Co.

Aug. 25, 1942
11000 ft.
7600 ft.

45. Gentle slope of broken rock
 and soil, with scattered loose brush
 46. *Prasanthus trifolius*
 under trees

very bright flowers

fls. white

in small clumps of spikes on small
 stemsplants erect up to 10 in. tall, fls. pinkish
 red inside, yellow outside

tree 4 in. tall, cone & scales already shed, lying
 on lower branches and on ground. Branches
 some older & bare
 one shrubby tree fls. pink, stamens yellowish
 red

shrub 2 in. tall, fls. pink

small tree 2 in. tall, leaves nearly 1 in.
 ones erect, bracts and bristles spreading
 not strongly reflexed.
 forming dense cushions in rock crevices
 and depressions

fls. cream white

17345. *Lolidago erecta* Pursh (Pursh) det. S. F. B.
 ✓ 46. *Vaccinium pallidum*

47. *Campanula divaricata* det. S. F. B.

48. *Aster pilosus* Willd. det. S. F. B.

49. *Lolidago angusta* Ait. det. S. F. B.

50. *Lolidago bicolor*

51. *Leucocarpus asteroides*

Landy Bottom, Shenandoel, 7 mi. S. W. of
 Swift Run Gap, Rockingham Co. (757-2770) det.
 Roadside Aug. 25, 1940

52. *Aster divaricatus* L. det. S. F. B.

53. *Tragopogon capillaris* det. S. F. B.

✓ 54. *Aster, variegatus pilosus* Willd. det. S. F. B.

55. *Oenothera biennis*

Abundant

✓ 56. *Lolidago erecta* Pursh det. S. F. B.

steep wooded slope

57. *Tilia neglecta*

58. *Fraxinus americana*

✓ 59. *Viburnum acerifolium*

✓ 60. *Cypripedium acaule* (L.)

fls. yellow

thick clumps, 3-4 dm. tall, stems
 green, leaves glaucous beneath,
 berries blue, scarcely

sweet, and with poor flavor.

erect, in small clumps, pedicels

deflexed, flowers blue-lavender,

rays white, disk yellow, turning

brown.

Plant erect, branched at top, stems

brownish purple, fls. yellow.

Erect, flowers white

Flowers already turned brown

Rays white, disk yellow, turning brown.

erect plants

Rays white, disk white, turning yellow.

Plants erect, larger ones 1-1.5 m.

tall, branched at base, fls. yellow

plant erect, much branched above,

flowers yellow.

Tree 8 m. tall, leaves glaucous
 beneath, leaves on stems

sweet branches much larger.

erect, large

Tree 6 m. tall, leaves somewhat

glaucous beneath

shrub 1 m. tall, panicle red, fruit turning black

fls. white

Virginia, Blue Ridge Mts., Shenandoah

Aug. 27, 1910

Saddle at extreme source of
Hawkesbill Creek, above by Brook, Greene Co.
Weedy field, plants apparently
persisting from cultivation around
old home-site.

17361. *Cosmos bipinnatus* Cav. det. S. B. K.61. *Phlox paniculata*62. *Althaea rosea* Cav.64. *Euphorbia marginata* Pursh65. *Hydrangea arborescens* L.66. *Ipomoea purpurea* det. H. & A.67. *Monarda didyma* L.68. *Polygonum orientale* L.69. *Prunus pennsylvanica* (L.) StokesPrimula woods, mostly *Prunus virginiana*70. *Hebea scabra* Michx. det. H. & A.71. *Quercus ilicifolia* Wang.72. *Yucca glauca* (L.) Rostk.73. *Myrica aspera* (L.) Rostk.74. *Hydrangea zosterifolia* (L.) Rostk.

in old road

75. *Polygonum hydropiper* L. det. H. & A.

in old road

76. *Aureolaria laevigata* det. H. & A.77. *Agrostis perennans* (Walt.) Fend. det. H. & A.78. *Myrica aspera* (L.) Rostk.

det. H. & A.

- dark yellow, rays numerous & small

- fls. rose - pink

- fls. deep rose darker near center

- plant 2 m. tall

- bracts white edged, plant purple

- flowers white

- shrub 3 m. tall

- vine climbing over woods, flowers

- deep blue

- flowers scarlet

- erect plants 1-2.5 m. tall, spikes

- pendent, bright crimson

- tree 4 m. tall, fruit green

- plant erect, flowers yellow

- shrub 1 m. tall, leaves gray beneath

- erect, 2 m. tall, berries black & white

- sweet smelling shrub, 2-3 m. tall

- flowers yellow fruit red

- flowers butter-yellow

- vine spreading, leaves

- bush 1 m. tall, sweet smelling

Aug. 10, 1940

Brown Mt. Coalbrook along river, above
head of the Mitchell River, Rockingham Co. (100 m) 200 ft
steep, fresh road cut

-12379. *Asplenium nidus*30. *Hedysotis obtusifolia*31. *Coropogon verticillatus* L. det. S. P. K.

Ridge from Black Rock Gap to Black Rock
Wooded ridge, along trail

32. *Hedysotis obtusifolia* Nuttalliana33. *Spiraea corymbosa*34. *Hesperis matronalis virginiana* (L.) Desf. f. n.35. *Pyrola sylvatica*

Grassy ridge, mostly scrub
along trail

36. *Andropogon scoparius* Michx. det. F. n.37. *Thymus serpyllifolius* L.38. *Pyrola melanocarpa*39. *Erigeron granifolius* (Walt.) Walld. det. S. P. K.40. *Hedysotis obtusifolia* Nuttalliana41. *Helianthus laevigatus* 749.42. *Spiraea corymbosa* Raf.43. *Helianthus laevigatus* det. S. P. K.44. *Viola pubescens*45. *Turnera caroliniana* det. M. V.46. *Hypoxis aurea* (L.) Torr. on trail47. *Asplenium nidus* det. F. n.

on trail

48. *Parthenocissus vitacea*49. *Asplenium nidus* det. S. P. K.

Creeping and rooting, sterile
rosette, lavender-pink, plant with
little, large clump.
fls yellow

Rockingham Co.

Aug. 10, 1940

712 m. loose clump, flowers lavender

740 m. flowers white

740 m.

750 m. 3 or 5 m. tall, sterile

710 m. small clump, top making

740 m. plants translucent white

820 m. shrub, mostly, leaves dark red

740 m. flowers bright magenta

dark red to green

800 m. scattered plants, fls lavender

860 m. plants up to 1.5 m. tall, fls yellow

840 m.

810 m. fls yellow, plants up to 5 m. tall

800 m. fls violet

740 m. fls butter yellow, fragrant

leaves reddish on underside

740 m. fls yellow

700 m. fls whitish, turning dull orange

plants erect

fls white

fls whitish

Wooded ridge, along trail

17400. *Cuscuta origanoides*

01. *Vibrio fimbriatula* J. Edm. det. Chalmers
 02. *Infusorium rugosum* Hantz.
 03. *Vaccinaria vacillans* x *halloides* det. Chalmers

Summit of Black Rock
Rockingham Co.

Great quartzite boulders

04. *Vaccinium angustifolium* Nutt. det. det. Long
between boulders
05. *Asplenium montanum* Willd.
in crevices on south side of boulders
06. *Pinus strobus* -
07. *Inagrostis capillaris* (L.) Nev. det. det. Long
on trail between rocks

Ladde on ridge bet. Black Rock and
Trayfoot Mt. Rockingham, Co. 910 m.
Wooded ridge Aug. 23, 1940

28. *Astragalus canadensis*
 29. *Aster divaricatus* L. det. S. F. B.
 30. *Psoralea altissima* det. S. F. B.

h.e. ridge of Framport Mt (near
Black Rock), Buckingham Co. 10-1000
Wooded ridge. Aug. 2 1940

11. *Thiostema angustifolium* L.
12. *Viola septentrionalis* Greene det. E. L. Greene

- 712 = *Cacopenthes*, flower purple
plant strongly aromatic when broken
713 = low shrubs
714 = fls. white
715 = leaves slightly glaucous beneath, lower
glau., not very sweet, flavor good

1 - volu tall, sterile except
for a very few white flowers
and buds, leaves green beneath

scarcely distinguishable
at a glance from the lichens
(Parmelia?) among which it
was growing.

quarried at 4 m. tall

rest

very white

head - pendent fls. whitish
involucres pale green

1000 in. fruits orange ~~colored~~
1000 in.

17413. *Galium latifolium*
 14. *Paronychia canadensis*
 in trail
 15. *Chenopodium boreale* Moench
 in trail
 16. *Helianthus strumosus* L. det. 17.11.
 17. *Viburnum affinis* Koch on *Lycopodium*
 18. *Rhus copallina* L.
 19. *Polystichum acrostichoides*
 on ridge of
 slope of Rayport Mt. Aug 11, 1900
 Rockingham Co. 100-100 ft.
 steep shaly talus slope,
 partly wooded, partly brushy,
 partly with patches of bare loose
 slide rock
 20. *Desmodium rotundifolium* (Michx.) Bth. 200
 21. *Cypripedium* ~~leptale~~ *pubescens* (L.) Greene
 in woods, on old trail, scarce
 22. *Aster macrophyllus*
 on old trail, abundant
 23. *Eupatorium sessilifolium* L. det. 17.11.
 in woods, on old trail, common
 24. *Eupatorium rugosum* Benth.
 on old trail in woods, scarce
 25. *Draba racemosa*
 brushy place
 26. *Hedysarum ~~obtusifolium~~ nuttallianum*
 edge of brushy place

on a diffusely spreading
 vine

750. yellow only slightly glaucous
 45m leaves glaucous beneath, fls.
 yellow plant 1.5' tall
 750m. shrub 1-4' tall, fruit blue, the
 pericarp reddish
 820m. shrub 1m. tall, fls. white

- 1000m. plant probably *Desmodium* pale lavender
 1000m. under scrub oaks
 1000m. flowers white
 1000m. rays lavender disk yellow turning brown
 1100m. leaves thin, not rugose, pairs
 at various angles to each other
 fls. white.
 1000m. leaves noticeably veiny, veins
 impressed above, plant 1m. tall
 fls. white.
 820m.
 820m. fls. pale lavender

Black Rock Gap, Loudoun Co. Va.

grassy woodlands area 7200'

- 17427 *Amaranthus hybridus* L.
 28. *Eragrostis ciliaris* (L.) Nash
 27. *Plantago aristata*
 2. *Cyperus canadensis*

Washington, D.C.

Aug. 15, 1940

- 31 *Amaranthus tricolor* L.

Virginia Highlands Arlington Co.

Pasture with scattered deciduous trees

Aug 30, 1940

- 37 *Populus coronaria*

- 33 *Cellis occidentalis*

Sept 11, 1940

- 34 *Paspalum laeve* Michx.

- 35 *Aprocyrum canescens* L.
 var. pubescens

- 36 *Lophocarya concata*

- 37 *Cassia*

- 38 *Phaseolus*

flowers white, other plants
 up to 1.5 m. tall.

cultivated from seeds - imported
 from China.

same tree as #16971, lobed
 leaves on fast-growing
 branches, fruits on small
 branches on older growth,
 fruit unripe and extremely
 sour and bitter.

same tree as #16970. fruit
 mostly not quite ripe, the
 few ripe ones deep orange color.

clumps prostrate at base
 of culms, then ascending,
 spikes divaricate

plant erect, leaves ascending,
 fruits deflexed

strictly erect fls. violet

fls. yellow, leaves sensitive

plant prostrate with ascending
 peduncles fls. bright rose turning
 salmon, keel twisted, lark purple.

7" 37 *Polygala cartensis* Gray

40 *Verbena urticifolia*

bottom of extensive ~~cray~~ quarry

41 *Panicum dichotomiflorum* Michx.

42 *Aristida longispica* ?

43 *Ischnochloa cruegallii*

44 *Pschittes beanaefolia*

45 *Hypericum gentianoides*

have fallen in pasture

Nottingham, Chester Co. Pa. Sept. 19, 1901

Open ground, serpentine barrens.

~~the~~ showing evidence
of fire within the year.

46 *Andropogon*

47 *Panicum*

48

Abundant

49 *Eupatorium*

in low similar thickets, locally abundant

50 *Aster*

in low similar thickets, not abundant

51 *Aster*

Abundant

52 *Solidago*

abundant

53 *Crataegus*

scattered, not abundant

Flowers magenta, herbage
with white-green color
Fls white plant erect

plant spreading, ascending
small erect clumps.

plant erect from sub-stem
leaves yellow, involucre papery green
plant erect fls yellow, ovary red

forming dense perennial
clumps, flowering culms erect,
dark purple

forming dense perennial clumps
flowering culms erect

erect, flowers white, only
a few open

erect, flowers white

rays deep lavender, disk pale
yellow, turning brownish

rays white, disk yellow.

turning brown
flowers bright yellow

~~Woodsbottom~~Susquehanna River below
Crowning Lam, Cecil Co. Md.

Sept. 22, 1940

Wooded bottom lands, many
weedy in openings.

17454 Lindera benzoin (W. B.).

55 *Euonymus americanus* L.56 *Elephantopus carolinianus* L.
wooded place57 *Agrimonia*
open place58 *Labellia siphilitica* L. Det. P. H. Rostk.59 *Prenanthes*
woods60 *Lanivola*
woods61 *Aster*
opening62 *Eupatorium*
opening~~Salix~~63 *Alnus*

edge of opening

64 *Digitalis*
weedy opening

shrub 1.5 m. tall, fruit red,
herbage aromatic when dried,
branches very brittle.
Shrub 1.5 m. tall, very
straggly, stems green,
fruit rose-color, seeds
serotous.

Plant erect, fls. blue-violet,
with paler stripes on the
lower side of the lobes.
fls. white, heads pendent.

rays white, disk pale
yellow, turning dark reddish.
Plants 1-1.2 m. tall, fls. whitish,
whole plant with a slightly
grayish cast
shrubs 5 m. tall

17465 *Panicum*

weedy opening

66 *Hedeoma pulegioides*67 *Polygonum*68 *Trichostema*69 *Euphea*

Sleepy Hollow,

Fairfax Co.

70 *Castanea pumila*~~deciduous~~ mixed woods

Potomac River below mouth of

Hunting Creek,

open ^{tidal} marsh with sedges,*Typha* etc.71 *Boehmeria cylindrica*72 *Polygonum arifolium*73 *Muhlenbergia*74 *Cuscuta*75 *Cephalanthus occidentalis* L.76 *Rosa palustris*77 *Mikania scandens*78 *Dryopteris thelypteris*

very aromatic

vine, twining over weeds,

fls. blue-lavender

fls. red-purple

shrub 1-2 m. tall

erect

sprawling plant

plant aromatic, flowers

pale lavender

range vine, twining over and

parasitic on ~~weeds~~ and

other plants, flowers

white stem thicker part

below inflorescence

shrub 2-3 m. tall, some

branches with ternate, others

with opposite leaves

shrub 2 m. tall, fruit red

vine, extensively twining

over bushes, fls. purplish

white

fronds erect, dimorphic, somewhat

supported by other vegetation

same for grassy ground, edge
of woods.

17979 *Polygonum dissectum*

Westhampton, Nassau Co.
University of Richmond Campus
open, ~~moist~~ ~~moorland~~ ~~moorland~~
woods.

80

81 *Elephantopus scutellatus*

82 *Scutellaria*

83 *Pilea*

ground with ^{bitter} subbit.

84 *Elephantopus*

ground filled with subbit.

85 *Phyllanthus*

ground filled with subbit.

86 *Monotropa uniflora* on bottom

87 *Solidago caesia*

88 *Desmodium*

89

along rivulet

90

along rivulet

91 *Smilax racemosa* var. *cylindrica*

92 *Galium cuneifolium*

93 *Eupatorium*

94 *Polygonatum*

95 *Spiranthes ovalis*

moist flat, edge of woods

96 *Athyrium thelypteroides*

along rivulet

series showing degree of
leaf cutting

growing on weeds,
leaves flat on ground

stems translucent, leaves
glossy
erect plant

branches in one plane

plants very few
very slightly glaucous
fls yellow
scape arching
small clumps

plant ascending, fruit crimson
plant ascending
fls whitish
plant arching, fruits blue-black
erect, fls white

erect,

- 97 ~~*Polygonum*~~
along rivulet
98 *Asarum virginicum*

36 mi. S.E. Burger Station, 6 mi. N.E.

Winwidie, Richmond Co. Sept 14, 1900

moist woods sterile light gray gravelly soil

- 99 *Desmodium illinoense* Walt.
17900 *Eupatorium capillare* Michx.
01 *Quercus*
02 *Eurogaster americana*

- 03 *Quercus nigra*
04
05 *Aster grandiflorus*

- 06 *Lobelia puberula*
near rivulet
07 *Andropogon*
excavated place

- 08 *Euphorbia*
excavated place

- 09 *Commelina*
10 *Desmodium*
excavated place

- 11 *Solidago odorata*

- 12 *Solidago*
excavated place

- 13 *Aster*
excavated open place

- 14 *Chrysopsis graminifolia*
excavated open place

- 15 *Chrysopsis mariana*

fls white

leaves variegated

erect.

tree 8 m tall

shrub 1 m tall, fruit
cucumber, seeds, greenish.

shrub 1 m tall
appears in open soil

plant ascending, rays bright
purple
flowers purple

erect

ascending, several stems
from a caudex.

a number of long stiff
stems spreading from a
woody caudex.

leaves aromatic when crushed

fls yellow

fls yellow

rays lavender, disk yellow

disk reddish

fls yellow

fls yellow

- 17576 *Woodwardia arifolia*
abundant along rivulet
17 *Athyrium asplenifolium*
along rivulet
18
19 *Fatium*
abundant along rivulet
20 *Sporobolus*
farm doorway

near Weismanoke 4 mi. S. of Charles City,
Charles City Co. Sept. 19, 1940 S. A.
spontaneous marsh

- 21 *Quercus ~~sp.~~ nigra*
edge of marsh
22 *Paspalum*
bank beside road
23 *Baccharis*
edge of drying swale
24 *Paspalum*
bank beside road
25 *Alnus alba*
wooded edge of marsh
26 *Myrica*
wooded edge of marsh
27 *Sparganium angustifolium*

28 *Cyperus*

sterile branches only

practically odorless
forming low tangles

large tree, 30 m. tall, wide spreading
trunk ~~perhaps~~ almost 1 m. thick

shrub 2.5 m. tall

erect,

tree 15 m. tall, 2 dm. thick

shrub 1.5 m. tall

flowers in 1 spiral raceme, very
white, slightly yellowish
anthers, odor not especially
strong, becoming more so & white
after collecting by edge of life
ligules, membranous, perianth
spreading by underground
rhizomes

17527 *Salix*

wooded edge of marsh

30 *Cuscuta*

on various marsh plants

31 *Eryngium*32 *Taraxacum distichum*wooded edge of ~~marsh~~ ^{marsh}33 *Helenium*34 *Alnus*

thicket at edge of marsh

35 *Bidens*36 *Bidens*~~abundant~~ common37 *Thimulic alata* Ait.38 *Gerardia*39 *Euphorbia*40 *Rhynchospora*

41

fancy ground at edge of marsh

42

very abundant

43 *Solidago*

dry field

James H. near Tattington

above Sandy Pt.

Charles City Co.

top of steep river bank

44 *Polygonum viviparum* L.45 *Polygonum*

near old farm

46

slender shrub 2 m tall

yellow vine, fls white

erect, heads white

tree 10 m tall, with pinnate

leaves (hairs)

rays lemon yellow disk greenish

bush 2-3 m tall

herb 1.5 m tall, flowers yellow

herb fls yellow

herb, fruit flowering

herb up to 1 m tall, flowers magenta

suberulose, fls white

erect, up to 2 m tall

herb 1.5-2 m tall, fls dull

yellow, stems with red

decumbent, forming a

tangled mat in marsh

fls yellow

herb 2 m tall, fruit flowering

aromatic

very aromatic, fls lavender

1 1/2 mi. n. of Luray, Luray Co.
mixed woods, largely beech Sept. 13, 1911

17547 *Habenaria*

dry slope

48 *Cypripedium acaule*

colony on dry slope under pines

49 *Epilobium*

wet bank of shell road
beside road

50 *Chamaefiliola maculata*

mixed woods, on dead leaves

51 *Luzula*

sere on bank of brooklet

52 *Monotropa hypopitryx* L.

mixed woods, in dead leaves

53 *Mitchella repens*

mixed woods

54 *Bartonia virginica* (L.) BGP.

mixed woods

55 *Delphinella apoda*

with 1 m. n. s. wet bank mixed woods

56 *Desmodium*

with 1 m. n. s. mixed woods

57 *Cacalia*

mixed woods, foot of steep slope

58 *Viburnum acerifolium*

mixed woods

59 *Aster*

marshy, muddy stream bed

60 *Desmodium fasciculatum*

with 1 m. n. s. mixed woods

61 *Lobelia siphilitica* L.

marshy stream margin

new sprout appearing from
root
fls. pink

leaves with white along veins

plant coral red, but tips of
bracts and corolla lobes yellow
flowers odorless

prostrate, berries scarlet
roots yellow

stiffly erect, stems purplish

fls. white

erect, leaves glaucous beneath

weak shrub 1 m. tall

berries blue

rays bright purple, disk brownish
reddish

fls. deep violet, tube with
pale stripes below

- 175 62 *Acalypha*
wet soil
- 63 *Prenanthes*
near edge of stream
moist soil
- 64 *Camisuga racemosa*
moist soil near edge of stream
not common
- 65 *Rubia latifolia*
north slope
- 66 *Vireo palustris* L.
rather common, moist soil
near stream
- 67 *Crallorhiza idontorhiza*
in stream, little bush
- 68 *Hepatica*
under trees, north slope
- ~~69 *Euphorbia*~~

✓ 1 1/2 mi. n. n. w. corner, corner to
mixed woods, to with some
beech

- 69 *Euphorbia*
old wood road
- 70 *Cypripedium*
old wood road
- 71 *Cypripedium*
old wood road
- 72 *Desmodium*
old wood road
- 73 *Antennaria*
not ground along stream bed
- 74 *Monarda punctata*
old wood road

bracts with 7-8 teeth, plant
rather reddish
fls. whitish, pendulous

much larger plants nearby

shrub 1.5 m. tall

shrub 2 m. tall

bushy herb, ~~sp. 175~~

spreading from woody canopy
flowers pinkish white

bracts purplish, with yellow
with reddish spots

17475 *Monotropa hypopitys*

with 17476

76 *Podocarpus*

small colony in open woods

77 *Polystichum acrostichoides*

along small streamlet in ravine

78 *Polystichum acrostichoides*

along small streamlet, with 17477

79 *Pilea*

in mud of streamlet

80 *Pogonia*

under oak tree, on slope, a few scattered small colonies

81 *Callicarpa americana*

open woods

82 *Liparis*

open woods

83 *Crallorhiza plantaginifolia*

open woods, in litter

84 *Cyperus*

old wood road

85 *Dryopteris*

86 *Phyllanthus*

old wood road

87

sides of old wood road

88 *Solidago canadensis*

89 *Trifolium*

open woods

90 *Monotropa uniflora*

open woods

91 *Epifagus*

under bark trees

plant slight erect, red, tips
of bracts and ovules like yellow
~~plant~~ flowers odorless
leaves gray-green, with
white veins, rhizome erect
and branching, part under ground
normal form

basinate plant

plant translucent, achene flat
stem fleshy

one flowering plant seen, fl. pink, small
plant purplish toward base,
stem fleshy

small plants, fruit bright
purple

plant pale green

plant reddish, enlarged at base
rhizome yellowish
small tufts heads green

arabid, dentition

aromatic

stem slightly glaucous fls. yellow
leaf purple, pseudobulb trans-
lucent white

plant white, flowers
almost odorless

plant of moist, purplish

Virginia Highlands, Arlington Co.

Oct. 4, 1898
deciduous

Pasture with scattered trees

17592 *Crataegus*~~along~~ trees mainly oaks, *Crataegus*
and apple (both crab and ordinary),
some *Diospyros*, etc.93 *Oenothera biennis*

open pasture

Aurora Hills

Arlington Co.

~~scattered clumps~~ Oct. 4, 189894 *Alnus*scattered clumps along small
streamlet in heavily wooded land
of mixed deciduous trees with
a few scrubby *Pinus virginiana*

3 mi. W. of Frying, along Papp River

Pittsylvania Co.

Oct. 7, 1898

sandy ground recently very badly
flooded (2 weeks ago), edge of sandy soil
nursery plantings.95 *Diodia texensis* Walt.

uncommon

96 *Cyperus strigosus* L.

uncommon

det.

7/8

97 *Acer negundo* L.

river bank

98 *Oxalis europaea* Ford.

7/8

young plants on loose pebbly sand
old ones in partly washed embankment,
prostrate stems buried.

same plant as #16507

tree 11 m. tall, fruit red

plants erect, fls. pale to
yellow.

from same clump #16946

clump of shrub about 4 m. tall

Large part of plant buried by
flood sand. fls. pale lavendertree 6 m. tall, leaves mostly
fallen, but fruit persistent
and very abundant in pendent
racemesfls. yellow, most plants
bearing fleshy, white branched
underground branches.

17599 *Ipsomoea lacunosa* L.

fresh sand

17600 *Xanthium pungens* Wallr. ^{det. S.F.B.}
fresh sand

Oct. 8, 1940

01 *Ruellia carolinensis* (Walt.) Mend. ^{det. M.H.}

edge of pine woods

02 *Erianthus alopecuroides* (L.) Ell. ^{det. T.H.}

old field, cleared in pine woods

03 *Asplenium platyneuron* (L.) Oakes
old field, cleared in pine wood04 *Prenanthes serpentina* Pursh
thin pine woods (from with undivided leaves det. S.F.B.)05 *Parthenocissus quinquefolia*
bare eroded spot in thin pine woods06 *Cornus florida*
mixed woods in ravine07 *Smilax rotundifolia* L. ^{det. T.H.}
mixed woods in ravine~~08 Fagus~~08 *Fagus grandifolia*
mixed woods in ravine, rare09 *Euonymus americana*
mixed woods, moist bottom
of ravine.10 *Cornus florida*
pine woods11 *Eupatorium rugosum* Houtt. ^{det. S.F.B.}
bottom of ravine, mixed woods12 *Viola fimbriatula* J.E. Sm. ^{det. C.C.}
old field, cleared in pine woods13 *Trichostema dichotomum* L.
same14 *Eupatorium*
same

older plants,
prostrate, fls. white, stigmas
capitate
herbage aromatic, fruit not
quite mature, but fully formed.

small clump, culms 2 m. tall

fertile fronds erect, sterile spreading

erect, fls. whitish, heads pendent

vine creeping on ground
berries blue, panicle red.

tree 4 m. tall, berries scarlet

green vine almost bare of
leaves, climbing over shrubs
berries blue.

tree 10 m. tall, bark gray

shrub 2 m. tall, fruit rose-
purple, seed vermilion
stem of plant dark green
tree 4 m. tall, berries scarlet

fls. whitish, plant 1 m. tall

densely caespitose, some leaves
already dead.~~and~~ strongly aromatic
when bruised

plant ascending, weak, fls. whitish

17615 *Solidago nemoralis* Ait. det. 576.
old field cleared in pine woods

16 *Solidago rugosa*
same

17 *Chrysopsis mariana*
same, rather common

18 *Leschea racemulosa* Michx. det. May
same, rare

19 *Cassia nictitans* L.

same
20 *Galium pilosum* var. *puncticulatum*
same

21 *Eupatorium hyssopifolium* L. det. 576.
same common

22 *Aster pilosus* var. *denotus* Blake det. 576.
same abundant

23 *Lespedeza repens* (L.) Benth. det. 794.
same

24 *Lespedeza cuneata*
same

25 *Gnaphalium obtusifolium* L.
same common

26 *Chrysanthemum leucanthemum*
same

27 *Lymphocarpus retundifolia*
same

28 *Solidago puberula*
pine woods

29 *Eupatorium aromaticum* L. det. 576.
rare in pine woods

clumps of 6-8 main stems
from one dense rosette, fls. yellow
— some clumps only in bud.
fls. yellow

fls. yellow, most plants
attacked by a gall forming
organism, causing deformity
of base of inflorescence

sensitive. fls. yellow

ascending or reclining

most plants already
dried up. Flowers whitish
— rays white, disk reddish

tap root very deep and strong,
stems prostrate, radiating
from it, inflorescences erect,
fls. pinkish purple
erect, badly rusted

plants with somewhat
peppery odor.

~~fls. white~~ rays white, disk
greenish yellow

shrubs 5-6 m. tall, erect but
arched at top, berries crimson.
fls. yellow

fls. whitish

17670 *Cunila origanoides* (L.) Britt.
pine woods

31 *Lolidago bicolor*
pine woods

Hyes Creek, n. of Prospect Hill
Caswell Co. Oct. 9, 1912

32 *Alnus incana* (DuRoi) Spreng. ^{det. S. P. B.} *Alnus serculata* Willd.
near stream, bottom land

33 *Polystichum acrostichoides*
same under trees

34 *Pinus virginiana* Mill.
thin pine woods

35 *Alnus serculata* Willd.
near stream, bottom land

36 *Pinus virginiana* Mill.
thin pine woods

37 *Aster ~~humosus~~ l.* ^{det. S. P. B.}
barren soil in
gully in pine woods

38 *Lespedeza*
gully in pine woods

39 ~~*Epilobium*~~ *Epilobium*
Variscina occidentalis ^{det. S. P. B.}

40 *Fagus grandifolia*
bottom land near stream, common

41 *Aster cordifolius* L. ^{det. S. P. B.}
pine woods

42 *Anemone virginiana* L. ^{det. S. P. B.}
gully in pine woods

43 *Lolidago nemoralis* Ait. ^{det. S. P. B.}
thin pine woods

44 *Bidens bipinnata* L. ^{det. S. P. B.}
gully in pine woods

prostrate stems common

plant aromatic when broken
fls. purplish
fls. white

shrub 2 m. tall

small tree 5 m. tall

shrub 3 m. tall

small tree 6 m. tall

rays white, disk reddish
erect

herb 2 m. tall

fls. yellow

large tree, bark gray, smooth

rays white, disk reddish

fls. yellow, plant purplish

- 17645 *Bidens frondosa* L. ^{det.} OR 5715
gully in thin pine woods
- 46 *Eupatorium hyssopifolium* L. ^{det.} 5715
thin pine woods
- 47 *Panicum columbianum* Link. ^{det.} 5715
gully in pine woods
- 48 *Hypericum labialis angulans* (L.) Panch. ^{det.} McV.
same
- 49 *Gerardia tenuifolia* Vahl. ^{det.} McV.
same
- 50 *Euphorbia*
same
- 51 *Lespedeza*
same
- 52 *Hieracium gronovii* L. ^{det.} 5715
same

Duke University Forest,

Durham,

Durham Co. Oct. 9, 1940

mixed woods along small brook

- 53
- Hedysotis purpurea*

rocky place

- 54
- Asarum virginicum*
- L.

mossy bank

- 55
- Asplenium platyneuron*

rocky place

- 56
- Lespedeza intermedia*
- (Wats.) Britt.

sloping shaded bank

- 57
- Euonymus americanus*
- L.

wet ground, edge of stream

- 58
- Mimulus alatus*

wet ground along stream

- 59
- Bidens frondosa*

wet ground along stream

fls. whitish

decumbent

fls. yellow

fls. magenta

fls. yellow

erect herbs, somewhat caespitose

leaves variegated above,
pale below

erect

green, stemmed
shrub 2 m. tall, fruit
rose colored, seeds greenish.

17060 *Pilea pumila*

wet ground, in edge of stream

61 *Samolus parviflorus* Raf. det.
M. V.

wet ground, edge of stream

62 *Lobelia inflata*

shaded ground, near stream

63 *Desmodium paniculatum* (L.) DC.

shaded ground near stream

64 *Aster lateriflorus*

shaded ground near stream

65 *Helaginella aspidia*

mossy stream bank

66 *Lobelia*

wet ground along stream

67 *Desmodium dillenii* var. det.
79 H.

wet ground along stream

✓ 3 mi. s. Chapel Hill Chapel Hill

Nursery, ~~Orange~~ Co. Oct 9, 1940

68 Cultivated field

69 *Oenothera fruticosa* L.

weed in rows of nursery stock

69 *Lymphocarpus albus* var. *laevigatus* (Horn.) B. & C. det. 578

cultivated

70 *Vitis agnus-castus*

cultivated

71 *Acalypha virginica* L. det.
M. V.

weed in rows of nursery stock

72 *Oxalis virginiana*

weed

73 *Hypericum drummondii* (Gray) Torr. det.
M. V.

weed

74 *Trichostema dichotoma* L. det.
M. V.

weed in rows of nursery stock

stems fleshy, translucent

det.
79 H.

erect

plant arching, sap white,
disk yellow, turning reddish,
prostrate, pale greenerect herb with milky
sap

plant nearly erect

erect.

erect shrub, 0.5 - 1 m. tall,
fruit white.shrub, 1 m. tall, fls. pinkish
white.erect, branched herb, 1 m. tall,
suffrutescent near base.

prostrate fruit still green.

but with white stripes.

erect, fruit red.

very aromatic when bruised.

17475 *Diodia teres* Walt.
weed

76 *Euphorbia*
weed

77 *Lespedeza bicolor* Turcz. det. F.J.H.
cultivated

78 *Callicarpa americana*
cultivated

79 *Acalypha virginica* L. det. MacV.
weed

80 *Callicarpa americana*
cultivated

81 *Paspalum circulare* Nash det. F.J.H.
weed

82 *Cyperus albonmarginatus* Mart. & Schrad.
weed in place that had been wet

83 *Fimbristylis baldwiniana* (Schultes) Torr.
weed in place that had been wet

84 *Hypericum gentianoides*
weed

85 *Spiraea tomentosa*
cultivated

86 *Lobelia puberula*
weed in drainage ditch

87 *Spiranthes*
single plant found in drainage ditch

Chapel Hill Nursery, 3 mi. s. Chapel Hill,
Orange Co. Oct. 10, 1940

88 *Eupatorium serotinum* Michx. det. S.F.H.
thin weedy woods

89 *Helianthus decapetalus* L. det. S.F.H.
edge of thin weedy woods

90 *Gnaphalium obtusifolium* L.
edge of thin weedy woods

stems and fruit reddish

very prostrate, reddish

shrub or suffrutescent herb,
2 m. tall.

suffrutescent herb, 1 m. tall,
fruit bright purple.
plant reddish.

suffrutescent herb, 1 m. tall,
fruit white.
prostrate, spreading.

det. F.J.H.

det. F.J.H. (but notes that this prob.
is same as *F. dichotoma* (L.) Vahl)

fruit red

shrub 1 m. tall

erect herb, flowers purple.

fls. waxy white, odorless

plant slightly glaucous
gray, fls. grayish white.
past flowering

slight peppery odor when crushed

- 17691 *Galium triflorum* Michx.
stems weakly ascending in weedy woods.
- 92 *Heliopsis scabra* Pers. det. F.H.
thin weedy woods.
- 93 *Lycopus virginicus* L. det. OMF.
decid. flat weedy ground.
- 94 *Solidago altissima* L. det. S.F.H.
weedy flat ground, near stream.
- 95 *Chrysopsis mariana* (L.) Nutt.
thin mixed woods.
- 96 *Elephantopus carolinianus*
thin mixed woods.
- 97 *Asarum ~~virginicum~~ angifolium* Michx.
north slope in pine woods.
- 98 *Ilex ambigua* (Michx.) Chapm. ? det. S.F.H.
flat bottom land along creek.
- 99 *Cyperus strigosus* L. det. F.H.
flat bottom land along creek.
- 17700 *Perilla frutescens* (L.) Britt. det. OMF.
flat weedy bottom land along creek.

Chapel Hill, Orange Co.
Cultivated

- 01 *Cephalotaxus drupacea* Lib. 3.
02 *Cephalotaxus drupacea* Lib. 3.

(label for this wrong. says
near nursery, but error in
writing)

Clayton H.C. State Nursery, 1 mi. W.
Clayton.

Patch of woods along small brook,
with thick undergrowth of weeds
and *Rubus* sp.

stems weakly ascending
to prostrate.
rays lemon yellow, disk greenish
erect herb up to 1 m. tall

fls. yellow

fls. yellow

past flowering

leaves variegated, variable
in shape but all in vicinity ^{small tree}
small tree, 4 m. tall,
fruit red.

aromatic when bruised

det.
F.H.

spreading shrub 2 m. tall
spreading shrub, fruits in
clusters, falling easily, slightly
obovoid, brownish-red, mottled-
striped, very juicy.

17703 *Aster pilosus* Willd. ^{det. SPA}
in ~~the~~ weedy place, edge of woods

04 ~~Composita~~ *Ligustrum vulgare* L. ^{det. SPA}
edge of woods

05 *Eupatorium capillifolium* (Ham.) Donnell
edge of woods, common

06 *Eupatorium rotundifolium* L. ^{det. SPA}
drying swaly place

07 *Pycnanthemum hypericifolium* Reith. ^{det. OFF}
drying, swaly place

08 *Pyrus arbutifolia*
drying swaly place

09 *Eupatorium perfoliatum* L.
drying, swaly place

10 *Cyrtia racemiflora* L. ^{det. McV.}
near stream

11 *Viburnum nudum* L.
near stream

12 *Solidago (Luthania) tenuifolia* Pursh? ^{det. SPA}
shade near stream

13 *Rhexia mariana* L. ^{det. McV.}
bank of stream

14 *Chamaecyparis thyoides* (L.) B.S.P. ^{det. SPA}

15 *Salix nigra* Marsh.
near stream

16 *Milkenia scandens* (L.) Willd.
near stream

edges of cultivated land, around
nursery

17 *Croton glandulosus* L. ^{det. McV.}

suffrutescent herb, 2 m. tall
much branched, showy
rays white, disk yellow,
turning reddish.

- shrub 1.5 m. tall, branches ^{scig.}
with distichous branchlets
fruit green

- plants mostly about 2 m. tall
fls. whitish, turning dark red.
fls. whitish

plant grayish green, aromatic

shrub 1.5 m. tall, fruit red

fls. grayish white.

shrub 1 m. tall

shrubs 1-3 m. tall.

fruit deep blue.

fls. yellow

small trees 3-4 m. tall, only 1 seen.

- shoots 4 m. tall, around old stump.
vine, extensively climbing over
bushes, fls. purplish white, fragrant.

plant green, branching from base

17718 *Commelina communis* L.det.
F.H.19 *Lolidaigo nemoralis* Ait.det.
S.P.

dry swaly place under scattered pines.

1 mi. W. Washington

Oct. 11, 1940

densely wooded swamp, mostly
Nyssa aquatica, some ash and cypress.20 *Brickneria cylindrica*clump of several stems on mossy
hummock21 ~~Ulmus~~ *Carpinus caroliniana* Walt.det.
F.H.22 *Ilex virginica* L.23 *Lycopodium virginicum* L.det.
O.M.F.

base of old stump

24 *Pilea*

on wet & mossy fallen log

25 *Lycopodium virginicum* L.det.
O.M.F.

on wet mossy fallen log

wet clearing in swamp,
filled with logs and rotting
bark and standing water26 *Lycopodium rubellum* Moench.det.
O.M.F.27 *Hypericum petiolatum* Walt.det.
M.H.28 *Acalypha rhomboidea* Raf.det.
M.H.

peaty hummock

29 *Eleocharis obtusa* (Willd.) Schultes

det.

in water

30 *Cyperus odoratus* L.det.
F.H.prostrate, elongate, fls. with
two large petals bright light
blue, third whitish and smaller,
anthers yellow with a red dot
on the connective.

fls. yellow, plants solitary.

erect

shrub 3 m. tall

shrub 1.5 m. tall

erect, stem somewhat fistulose,
fls. white

stems fleshy, translucent

stems wiry

fls. white

erect

plant reddish, bracts with
about 3 teeth

- 17731 *Jussiaea decurrens* (Walt.) DC.
in standing water
- 32 *Hydroclea quadrupalvis* Walt. det. M. V.
in standing water
- 33 *Ochreina cylindrica* det. M. V.
- 34 *Polygonum setaceum* Baldu. det. M. V.
- 35 *Clematis (Vincetoxicum) crispa* L. det. S. B.
edge of marsh
- 36 *Polygonum punctatum* Ell. det. M. V.
in standing water
- 37 *Bidens discoides* (T. & G.) Nutt. det. S. B.
in standing water
- 38 *Bidens laevis* (L.) B. P. det. S. B.
in standing water
- 39 *Solidago (Euthamia) tenuifolia* Pursh det. S. B.
peaty hummock
- 40 *Atthysium asplenifolium* (Michx.) Desv. det. S. B.
railroad embankment just above swamp
- 6 mi. n. - Engelhard Hydro Co.
Oct. 11, 1900
- swamp with scattered pines,
shrubs, and a dense growth of
reeds.
- 41 *Solidago fistulosa* Mill. det. S. B.
open place
- 42 *Rhus copallina*
between road and ditch
- 43 *Panicum verrucosum* Muhl. det. F. H.
wet sand, edge of road
- 44 *Andropogon virginicus* L. var. *stracheyanus*
- 45 *Andropogon glomeratus*

erect, almost leafless

erect
main stems reclining,
much branched, smaller
branches ascending, fls. whitish
fls. blue-purple

plant ascending, fls. white

rays none, disk yellowish brown

rays bright yellow, disk reddish

heads yellow

rhizome prostrate

heads yellow

shrubs 3-5 m. tall.
fruit dark red

(1900) March 7 7/10 solitary or almost so
solitary or almost so

- 17746 *Baccharis halimifolia*
 47 *Gordonia ~~lanceolata~~ lasiantha*
 48 *Pteridium aquilinum* (L.) Kuhn.
 between reeds
 49 *Lynia ligustrina* (L.) DC. det. M. V.

10 mi. n.w. Engelhard, Hyde Co.
 Oct. 11, 1940.

dense cane brake in thin
 pine woods.

- 50 *Agrostis perennans* (Walt.) Tuckerm. det. F. H.
 bank of ditch
 51 *Solidago sempervirens*
 bank of ditch
 52 *Baccharis halimifolia*
 bank of ditch
 53 *Ilex glabra*
 54 *Leucanthos axillaris* (Lam.) D. Don. det. M. V.
 55 *Persea pubescens* (Pursh) Lag. det. SFB.

Mann's Harbor, Dare Co.

- 26 Oct. 11, 1940
 a salt marsh, mostly grass and
 rushes
 56 *Solidago sempervirens*
 57 ~~Scirpus~~ *Fimbristylis spadiacea* (L.) Vahl. det. F. H.
 58 *Baccharis halimifolia*
 59 *Baccharis halimifolia*
 60 *Aster tenuifolius* L. det. SFB.

Mantes Roanoke Island, Dare Co.
 cultivated Oct. 12, 1940

- 61 *Cunninghamia lanceolata* (Lam.) Hook. det. F. H.

shrub 1 m. tall, staminate
 shrub 3 m. tall, erect.

shrub 1.5 m. tall, fruit green

erect, heads yellow
 leaves somewhat fleshy
 shrub 1.5 m. tall, pinnate

berries black, shrub 1 m. tall
 shrub 1 m. tall, slender, sparsely branched
 shrub 2 m. tall, fruit green

heads yellow, leaves somewhat fleshy

shrub 0.5 m. tall, pinnate
 shrub 0.5 m. tall, staminate
 reclining, or if erect, supported
 by other plants, fls purplish white

tree 3 m. tall

Camp Wright, n. end Roanoke Island, Dare Co.
sandy flat Oct. 12, 1940

- 17762 *Chrysopsis graminifolia* det.
63 *Andropogon tenerius* Michx. 72H.
64 *Juncus dichotomus* Ell. det.
65 *Diodia teres* 79H.
66 *Hypericum gentianoides*
sandy ditch
67 *Acalypha gracilescens* Gray det.
sandy ditch Michx.

Oregon Inlet, Bodie Island, n. end
of Pamlico Sound, Dare Co. Oct. 12, 1940
sandy edge of salt marsh
68 *Spartina patens* (Ait.) Muhl. det.
79H.

69 *Borrichia frutescens* (L.) DC.

70 *Distichlis spicata* (L.) Greene det.
79H.
71 *Aster tenuifolius* L. det.
79H.

72 *Spartina alterniflora* Loir. det.
79H.
73 *Aster tenuifolius* L.

in salt marsh
74 ~~*Cyperus*~~ *Fimbristylis spadicosa* (L.) Vahl (det. F. Eastw. (Michx.) Vahl)
in salt marsh det.
79H.

75 *Cyperus odoratus* L. (C. *peruensis* Rich.) det.
in salt marsh 79H.

Pea Island, 5 1/2 mi. s. of Oregon Inlet,
Pamlico Id., Dare Co. Oct. 12, 1940
sand flat, salt marshy in spots.

76 *Solidago sempervirens*
grassy place

fls. yellow
single plants
single plants, already dry
erect, ovary red.

plant reddish, bracts with
10-12 teeth

separate plants, rooted deep
in sand
leaves thick, gray, fls. yellow,
plant very deep rooted
— ascending, deep rooted
plant erect, fls. purplish
white, leaves fleshy
plants solitary, deep rooted
plant weak, held up by other
plants, fls. purplish white
solitary or several culms in
a tuft
solitary or small tufts.

almost erect, lvs. somewhat
fleshy, fls. yellow.

- 17777 ~~Rhaphanistrum~~ ^{L. trophostyles} helvola (L.) Britt.
grassy place, general

- 78 ~~Labbatia~~ ^{L. latifolia} campanulata (L.) Torr.
grassy place, local, in small colonies

- 79 ~~Andropogon glomeratus~~ ^{virginicus L. var. tenuiflorus (L.)} ~~7 m.~~
grassy place, locally abundant

- 80 ~~Scirpus~~ ^{Timbristylis} spadicosa (L.)
wet spot, general

- 81 ~~Cyperus~~ polystachyus Roth.
moist place

- 82 Euphorbia polygonifolia
loose sand

- 83 Oenothera humifusa Nutt.
loose sand

- 84 Aster subulatus Michx.
near edge of ditch, local

- 85 Cyperus odoratus L. (C. fasciculatus)
wet place, rare, general

- 86 Limnium nashii Small.
wet place, local

- 87 Pluchea camphorata (L.) DC.
wet place, local

- 88 Gerardia maritima Raf.
wet place, local

- 89 Iva frutescens L.
scattered, general

- 90 Lythrum lineare L.
wet place, local

det.
79H.

prostrate, extensively
creeping, vines several
in. long, fls. lavender-pink,
~~leaves~~ somewhat twisted, fruiting
inflorescences erect.

fls. pink with a yellow star
in center, outlined by darker
pink, the points somewhat
tridentate with center point longer.

plants solitary, bracts pinkish

det. 79H.
Vahl 79H. small tufts

very prostrate, somewhat fleshy,
stems reddish, sap milky,
stems prostrate, spreading,
ascending at tips, fls. yellow.
fls. purplish, plant erect

det. 79H.
plants solitary

corolla blue-violet base
somewhat fleshy
herbage very aromatic, heads
purplish-pink
fls. magenta, leaves fleshy

shrubby, 0.5-0.8 m. tall, leaves
fleshy

17791 *Siriodia teres* Walt.

loose sand, abundant

92 *Croton punctatus* Jacq.

det. M. V.

loose sand on embankment

bunches, half-way between North Rodanthe and

Rodanthe, Pamlico Sound, Dare Co.

sand flats

Oct. 11, 1940

93 *Gnaphalium obtusifolium* L.94 *Centella*95 *Mikania scandens*

edge of ditch

96 *Polygonum punctatum* Ell.

det. M. V.

edge of ditch

97 *Lanatum triplaris purpurea* (Willd.) Chapm.

loose sand

det. F. J. H.

98 *Juncus scirpoides* Lam.

det. F. J. H.

grassy place

99 *Muhlenbergia capillaris* (Lam.) Trin.

det. F. J. H.

common

bunches, about 1/2 mi. S. of South Rodanthe,

Pamlico Sound, Dare Co.

Oct. 12, 1940

thickets and tangles around

marshy depressions

17800 *Myrica cerifera* L.

det. F. J. H.

01 *Quercus*

some plants much larger

slightly peppery, dry, sweeter when dry,
creeping by underground
stems, forming patches, somewhat
fleshy.

vine climbing over other plants

fls. greenish-white

very prostrate, several
stems spreading, ^{and} up to
1 m. or more long, flowering
while still enclosed in bract.
already dry, erectlarge bunches, inflorescence
conspicuously purplefragrant shrub 3 m. tall
fruits waxy, bluish gray
low rounded bush, filled
with sand, leaves gray
beneath, acorns green

17812 *Ilex vomitoria* Ait.
abundant

03 *Taxodium distichum* (L.) Rich.

04 *Cicuta maculata* L.

in marshy place

det.
Mall.

05 *Baccharis halimifolia*

sandy place, edge of thicket, common

06 *Solidago* (Euthamia) *tennifolia* Pursh ^{det. S.F.B.}
opening between bushes

07 *Ludwigia lanceolata* Ell.

marshy place, local.

08 *Rhus copallina*

09 *Rosa palustris* Marsh.

det.
Mall.

10 *Chenopodium ambrosioides* L.

11 *Kosteletzkya virginica* (L.) Presl
marshy place

12 *Aralia spinosa* ~~Zanthoxylum~~ ^{clava -} ~~hercynica~~

13 *Persea pubescens* (Pursh) Tang.

14 *Myrica cerifera* L.

det. S.F.B.

sand flats

15 *Solidago* (Euthamia) *tennifolia* Pursh ^{det. S.F.B.}

abundant locally

16 *Baccharis halimifolia*

~~abundant~~ common

17 *Acyron hypericoides* L.

common

det.
S.F.B.

rounded shrub 3 m. tall, filled
with sand, branchlets
rigid and spinose, fruit
green.

- tree 10 m. tall, upper part
mostly dead, fruits on lower
branches, green

herb 2 m. tall, oily odor when
broken

shrub 1 m. tall, leaves thick

erect, round topped, fls. yellow.

erect, supported by other

- plants, 1 m. tall

shrub 3 m. tall, fruit red, panicle

- branches drooping

- shrub 1-2 m. tall, fruit red.

strongly aromatic

erect herb, 1-2 m. tall

- shrub 1 m. tall, fruit already dry.

tree 4 m. tall, fruit green, a

few turning blue.

fragrant shrub 2.5 m. tall, fruit
blue-gray, waxy.

heads yellow

shrub 1 m. tall, heads brownish-
white.

✓ Old Cape Hatteras Lighthouse,
Hatteras Island, Dare Co. Oct. 13, 1940
in a near fresh-water pond, ~~submerged~~
~~or deeper~~

17818 *Potamogeton illinoensis* Morong
submerged or uppermost leaves floating

19 *Hydrocotyle umbellata* L. ^{det. T. J. H.}
submerged or some leaves above water

20 *Bacopa monnieri*
prostrate on moist sand

21 *Lippia nodiflora* (L.) Michx. ^{det. S. P. H.}
moist sandy flat

22 *Bidens laevis* (L.) BSP. ^{det. S. P. H.}
moist sand

~~23 *Lagittaria*~~

23 *Lagittaria latifolia* Willd. ^{det. T. J. H.}
edge of pond

✓ Buxton Landing, Hatteras Island
Pamlico Id., Dare Co. Oct. 13, 1940
in ^{sandy} salt marsh

24 *Aster subulatus* Michx. ^{det. S. P. H.}

25 *Phytolacca americana* L.

26 *Atriplex patula*

27 *Cyperus odoratus* L. ^{det. S. P. H.}

28 *Chenopodium ambrosioides*

29 *Aster tenuifolius* L. ^{det. S. P. H.}

petioles fleshy

fls. white plant slightly fleshy

plant prostrate, leaves fleshy,
fls. whitish.

plant ascending, rays yellow,
disk yellowish, but anthers black.
heads subglobose

fls. purplish white.

— plant erect, fleshy.
herb 1 m. tall, fruit reddish
black, juicy
erect

many plants 1 m. tall,
strongly aromatic, green.
erect, fleshy, fls. purplish-white

- Woods around Buxton, Hatteras Island,
Pamlico Id. Dare Co. Oct. 13, 1940
Woods of ~~loblolly pine~~ ^{Pinus caeda}, *Quercus*
virginiana, *Ilex vomitoria*, etc.
17330 *Smilax laurifolia* L. det. 79
climbing in trees

31 *Taxodium distichum*
marshy depression

32 *Lysimachia Desodon verticillata* (L.) C. C. det. 97b
marshy depression

33 *Elephantopus nudatus*
sandy soil

34 *Galium hispidulum* Michx.
sandy soil

35 *Chrysopsis graminifolia*
sandy soil

36 *orghastrum nutans* (L.) Nash
sandy soil

37 *Rhus copallina*
sandy soil

38 *Woodwardia areolata*
in marshy, peaty depression

39 *Callicarpa americana*
sandy soil

Buxton Landing, Hatteras Island,
Pamlico Id., Dare Co. Oct. 13, 1940
sand flat

40 *Iresine celozia* L.

Sand flats west of Old Cape Hatteras
Lighthouse, Hatteras Island, Pamlico
Id. Dare Co. Oct. 13, 1940

41 *Uniola paniculata*
sand dune.

liana, leaves thick, stiff,
fruit green.
Tree 15 m. tall, only one in vicinity

herb 1 m. tall.

leaves prostrate

roots yellow. fruit blue,
fleshy
erect, fls. yellow

solitary plants, culms
ascending, panicles drooping
shrub, 1 m. tall, fruit dark red.

shrub 1 m. tall, fruit bright
purple.

erect, stems reddish, fistulose

erect, culms branching at base
under the sand.

- 17942 *Dicromena colorata*
moist depression
- 43 *Ludwigia*
moist depression
- 44 *Erigeron querifolius* Lam. det. 576
sandy place
- 45 *Gerardia purpurea* L. ? det. 576
moist depression
- 46 *Lippia nodiflora* (L.) Michx. det. 576
sandy flats
- 47 *Lolidago sempervirens*
sandy depression
- 48 *Aster dumosus* L. (forn) det. 576
moist depression
- 49 *Diodia teres* Walt.
sandy flats, very abundant
- 50 *Juncus scirpoides* Lam. det. 576
moist depressions
- 51 *Andropogon virginicus* L. det. 794
moist depressions
- 52 *Andropogon virginicus* var. *glomeratus* (Michx.) Tuck. det. 576
sand flats
- 53 *Muhlenbergia capillaris* (Lam.) Trin. det. 794
sand flats
- 54 *Cyperus polystachyos* Rottb. det. 794
moist depression, abundant
- 55 *Salpiglossis campanulata* (L.) Torr. det. 576
moist depression

Peters Bridge, 3.5 mi. w. Buxton,
Hatteras Island, Pamlico Id., Dare Co.
Mixed pine and live oak woods Oct. 14, 1940

- 56 *Diodia virginiana*
roadside, edge of swamp

- head and basal half of
bracts white
erect
- rays purplish white, disk
greenish yellow.
- corolla bright magenta,
falling very easily.
- very prostrate, rooting
at nodes, peduncles erect, fls. white.
- leaves somewhat fleshy,
heads yellow.
- rays purplish, disk yellow,
plant erect.

heads already dry

- a number of culms close
together, but not truly caespitose.
- bracts pinkish brown

large bunches, purple

fls. pink with a yellow
star in center outlined with
deeper pink, points ^{of petals} tridentate, center
tooth longest, leaves fleshy

prostrate, fruit green & white
striped, corrugated longitudinally

- 17757 *Lagittaria falcata* Pursh. det. F. H.
in open marsh
- 58 *Hydrocotyle umbellata* L. det. McV.
edge of open marsh
- 59 *Juncus dichotomus* Ell. det. F. H.
roadside, edge of ~~swamp~~ marsh
- 60 *Kosteletzkya virginica* (L.) Presl
wet opening in woods
- 61 *Centella repanda*
wet opening in woods
- 62 *Sabal*
sandy ~~place~~ place in woods,
scattered here and there
- 63 *Andropogon virginicus* L. det. F. H.
small clump in open woods
- 64 *Rosa palustris* Marsh.
low woods
- 65 *Juncus dichotomus* Ell. det. F. H.
dry sandy opening
- 66 *Persea pubescens* (Pursh) Hay. det. S. B.
open low woods with much
undergrowth
- 67 *Salix alba* L. var. (?) det. S. B.
same
- 68 *Cupatorium verbenaceifolium* Michx. det. S. B.
moist grassy opening in woods
- 69 *Scirpus Carex longii* Michx. det. F. H.
moist grassy opening in woods
- 70 *Polygonum punctatum* Ell. det. McV.
moist grassy opening in woods
- 71 *Aster dumosus* L. (furm) det. S. B.
moist roadside
- 72 *Cuscuta groenlandica* Willd. det. S. B.
parasitic on plants in edge of swamp

fls. white

inflorescence erect, stem prostrate

herb ~~1~~ 1 m tall.

spreading by underground
running stem

growing point at ground
level, inflorescence erect,
arching, fruit green, turning
black.

bushes 2 m. tall, forming
impenetrable tangles,
fruit red, abundant.
inflorescence already dried up.
tree 5 m. tall, fruit shiny
blue-gray-black.

shrub 3 m. tall, leaves
somewhat grayish and shiny beneath
fls. grayish

ascending, fls. greenish white
rays lavender, disk yellowish

stems yellow-orange fruit
greenish white, panicle branches thick
leaves

17373 *Hypochaeris maculata*

open sandy place in woods

74 *Scleria triglomerata* Michx. ^{det. F. J. H.}
sandy opening in woods75 *Andropogon virginicus* L. var. *tenuistylus* (Willd.) Hook. & Ar.?
sandy opening in woods det. F. J. H.76 *Elephantopus nudatus*
sandy opening in woods77 *Uniola lanata* (L.) B. & P.

sandy opening in woods

78 *Acalypha gracilens* Gray ^{det. M. H.}
sandy opening in woods79 *Cyperus filiculmis* Vahl ^{det. F. J. H.}
sandy opening in woods80 *Galium hirsutulum*
sandy opening in woods~~81 *Scleria triglomerata*~~
~~sandy opening in woods~~81 *Mnarda punctata*
sandy opening in woodsHatteras Inlet Coast Guard Station,
N. end Ocracoke Island, Hyde Co.
sand dunes & salt marsh Oct. 14, 190082 *Croton punctatus* Jacq.
open sand83 *Polygonum glaucum* Nutt. ^{det. M. H.}
open sand flat84 *Bacopa monnina*
salt marsh85 *Salsola kali* L.
salt marshsmall loose clumps, culms
wide-spreading
small clump

leaves flat on ground

small tufts, culms
— ~~wide~~ spreading, arching
plant reddish, teeth on
— bracts about 9
small tufts, culms
— with bulbs at base.
fruit black, fleshy.
— root yellow.corolla delicate greenish
cream color, spotted with
purplish maroon, plant
aromatic when bruised,
basal part of bracts white
or rose purple.

plant 4 dm. tall.

prostrate, from a woody
root, flowers white
prostrate, fleshybushy plant, stiff,
rounded.

- 17836 *Salicornia europaea* L.
salt marsh
87 *Salicornia bigelovii* Torr.
salt marsh

7 mi. s.w. Hatteras Inlet, Ocracoke
Island, Pamlico Id. Hyde Co. Oct. 14, 1970
salty flat mostly grown thick
with rushes

- 88 *Cornelina angustifolia* Michx. ^{det. F.H.}
~~ascending, supported by other~~
89 *Acalypha gracilens* Gray ^{det. M.C.V.}
open place
90 *Galactia regularis* (L.) A.S.P. ^{det. F.H.}
91 *Solidago* (L.) ^{det. S.F.D.}
tennifolia Pursh
open place
92 *Aster tennifolius* L. ^{det. S.F.D.}
93 *Lippia nodiflora* (L.) Michx. ^{det. S.F.D.}
in dense rushes
94 *Baccharis halimifolia*
95 *Andropogon virginicus* var. *tennesseensis* (Michx.) ^{det. F.H.}
open place ^{prob. f. *dimidiatus* (H. & A.) Fern. & Gray}
96 *Ambrosia artemisiifolia*
open place
97 *Limonium filibristylis* spadiosa (L.) Vahl ^{det. F.H.}
open field
98 *Muhlenbergia capillaris* (Lam.) Trin. ^{det. F.H.}
open field

7 mi. s. of Hatteras Inlet,
Ocracoke Island, Pamlico Id. Hyde Co.
open woodland, *Ilex* & *Juniperus*. Oct. 14, 1970
The latter mostly dead.

stems erect, fleshy,
crimson
stems erect, thick, fleshy,
slightly reddish

ascending, supported by other
plants, bracts with 2 teeth

twining on other plants
fls. yellow

erect, rays lavender, disk
yellow, leaves fleshy
ascending, leaves fleshy

shrub 1 m. tall, leaves fleshy
erect, plants almost solitary

erect

small tufts

large clumps, inflorescence
purple.

17899 *Monarda punctata*17900 *Smilax bona-nox* L.det.
F.H.01 *Cyperus retrofractus* var. *cylindricus* (Sill.)
sandy spotFam. Cyper.
det. F.H.02 *Galactea regularis* (L.) BSP.det.
F.H.03 *Juniperus virginiana*04 *Iva frutescens* L.det.
F.H.

abundant

05 *Ilex vomitoria*

dominant shrub of small tree

06 *Aster subulatus* Michx.det.
SFB.07 *Eupatorium coelestinum*08 *Opuntia drummondii* Griseb.Woods n.e. of Ocracoke, Ocracoke Island
of Pamlico Id., Hyde Co. Oct. 14, 1940

woods of Juniper and live oak.

09 *Polygonum punctatum* Ell.det.
McV.

open sandy place

10 *Eupatorium capillifolium*

open sandy place

11 *Polygonum procumbens*

open sandy place

12 *Juniperus virginiana*13 *Ascyrum hypericoides* L.det.
McV.

open sandy place

plant aromatic when bruised, bracts
rose purple and white, corolla
delicate greenish cream color.- dotted with purplish maroon
liana climbing over trees,
young plant with spiny
leaves, fruit green, turning
dark reddish. young leaves
variegated with gray.

- Twining on weeds

- large old tree, ~~no~~ all
but a few branches dead.

- shrub 3 m. tall, leaves fleshy,

- inflorescences dry
spiny shrub, fruits
turning red.- flowers purplish white
flowers bright lavenderstem reddish, ascending,
fls greenish white
erectplant prostrate, rosette
green, inflorescences dry,
tree 5 m. tall, fruit immature
erect

- 17914 *Euphorbia supina* Raf. det. M. V.
open sandy place
- 15 *Eupatorium cuneifolium* Willd. det. S. H.
open weedy marshy place
- 16 *Lechea villosa* Ell. det. M. V.
open sandy place
- 17 *Diodia teres*
open sandy place
- 18 *Galium hispidulum*
sandy ground, under trees
- 19 *Tillandsia usneoides*
hanging from branches of live oak
- 20 *Quercus virginiana*
- 21 *Ilex vomitoria*
- 22 *Quercus virginiana*
- 23 *Solidago sempervirens*
open moist ~~field~~ clearing
- 24 *Chloris petraea* Sw. det. F. H.
under trees, sandy soil
- 25 *Cyperus polystachyus* Rottb. det. F. H.
open moist ~~field~~ clearing
- 26 *Sporobolus poiretii* (R. & S.) Hitchc. det. F. H.
sandy soil, under trees
- 27 *Scirpus americanus*
open marshy spot, abundant
- 28 *Solidago (Euthamia) tenuifolia* Pursh? det. S. H.
~~open~~ moist clearing
- 29 *Myrica cerifera* L. det. S. H.
~~at~~ woods
- 30 *Lythrum lineare* L. det. S. H.
open weedy marsh
- 31 *Atriplex patula*
open weedy marsh

- erect, arching
- herb, 1 m. tall
- erect, rosette green, inflorescence dry.
- fruit black, fleshy, roots yellow.
- pendant, gray, hanging
- in great masses.
- tree 4 m. tall, acorns green
- tree 5 m. tall, fruit green
- tree 6 m. tall, acorns green, fls. yellow
- small tufts, maritime, leaves light green, spikes black
- small tufts
- fls. yellow
- ~~the~~ bush 2 m. tall, fruit gray, waxy
- leaves fleshy, plant 1 m. long, ascending.

- ✓ Ocaracoke, Ocaracoke Island,
s. of Families Isd. Hyde Co. Oct. 14, 1940
17932 *Chenopodium ambrosioides* L.
weedy roadside
37 *Bumelia lycioides* (L.) Gaertn. det. 578.
weedy vacant lot

30 Woods and flats s. w. of Ocaracoke,
Ocaracoke Island, s. of Families Isd.
Hyde Co. Oct. 14, 1940

- 34 *Cissus arborea* (L.) Des Moulins det. 578.
small bushy sand dune
35 *Borrichia fruticosa*
salt flat
36 *Cyperus globosus* Aubl. det. 794.
sandy place
37 *Bidens bipinnata* L. det. 578.
edge of woods
38 *Ambrosia artemisiifolia*
edge of woods
39 *Monarda punctata*
edge of woods

- 40 *Euphorbia*
open sandy place
41 *Smilax lanceolata* L. det. 794.
small bushy sand dunes
42 *Hydrocotyle bonariensis* Lam. det. 578.
sandy flat
43 *Opuntia drummondii* Griseb.
sandy flat

plants 1 1/2 m. tall, very
aromatic
shrub 3 m. tall, sterile
(called "hen haw" locally).

vine climbing over shrubs
fruit black when ripe, thorns
mostly red
erect, leaves gray, fleshy, fl. yellow.

~~erect~~

erect

~~erect~~ aromatic when bruised,
bracts whitish to rose,
corolla delicate greenish
cream-color, dotted with
purplish, maroon
very prostrate, sap milky

liana climbing over bushes,
fruit dark reddish, stinging
rhizome buried, leaves
and panicles above ground,
larger plants from shaded places,
prostrate, very fragile
fruit turning purplish.

sand dunes 4 mi. W. Old Cape
Hatteras Light House, Hatteras
Island, e. of Pamlico Is. Dare Co.

Oct. 14

- 17944 ~~1~~ open or bushy sand dunes
Trichostema dichotoma L. det. O.M.P.
bushy on e. slope of dune
- 45 *Cenchrus tribuloides* L.
open sand
- 46 *Euphorbia polygonifolia* L.
open sand
- 47 *Croton punctatus* Jacq. det. Merv.
open sand
- 48 *Scirpus americanus* Pers. det. T.H.
wet low sand flat
- 49 *Salsola kali*
open sand
- 50 *Passiflora incarnata* L.
bushy dune
- 51 *Parthenocissus quinquefolia*
- 52 *Spartina*
open sand, very abundant
- 53 *Polygonum*
bushy dune
- 54 *Chrysopsis graminifolia*
bushy dune

3 mi. W. of Cape Hatteras Lighthouse
Hatteras Island, Dare Co. Oct. 15, 1944

Fresh water ponds and swales
alternating with sand flats and
small dunes.

- 55 *Croton glandulosus* L. det. Merv.
sand dunes

plant aromatic, fls. pale
lavender

very prostrate

- ~~roots~~ rhizome deeply
buried
- plant spreading,
much branched ab or across
vine, climbing over bushes,
fruit green, pulp sour
- vine, climbing over bushes
(local tradition says long ago
introduced from Cape Cod)
- turning on other plants

erect, fls. yellow

- 17956 ~~Linum~~ *Fimbristylus spadicosa* (L.) Vahl
sand flat
- 57 *Oenothera humifusa* Nutt.
sand flat
- 58 *Physalis viscosa* L. det. Muhl.
sand flat
- 59 *Linum medium* (Planch.) Britton det. 576.
moist sand
- 60 *Baccharis halimifolia*
wet swale
- 61 *Cuscuta groenovi* Willd. det. 70.
wet swale, parasitic on other plants
- 62 *Ambrosia artemisiifolia*
sand flat
- 63 *Andropogon virginicus* L. det. 79 H.
drying swale
- 64 *Ludwigia alata* Ell.
standing water in open swale
- 65 *Eleocharis cellulosa* Torr. det. F. H.
standing water in open swale
- 66 *Cyperus strigosus* L. det. F. H.
drying swale
- 67 *Proserpinaca palustris* L. det. 576.
wet swale, ~~erect~~
- 68 ~~Proserpinaca~~ *Cyperus haspan* L. det. 79 H.
edge of pond
- 69 *Cornus ferruginea* Mill.
among bushes in sandy soil
- 70 *Aster dumosus* L. (form) det. 576.
~~moist~~ sandy place, sheltered
by bushes
- 71 *Digitaria axonopus furcata* (Thunberg) Hitchc. det. 79 H.
moist soil near pond, rare
- 72 *Speranthus cernuus*
moist soil near pond

det. F. H.

fls. pale yellow

roots very deep in sand

fl. yellow

shrub 1 m. tall

stems yellow

[Cent. rec. no of fls. acc. F. H.]

solitary or almost so.

erect

small tufts, culms rather
weakshrub 1.5 m. tall, panicle
red, berries dull lead blue

rays lavender, disk yellow

fls. white, waxy, almost odorless
in 1 rank.

- 17973 *Najas flexilis* (Willd.) Kütz. Schmidt ^{det. SFB}
submerged in great masses in small pond
- 74 *Eupatorium hyssopifolium* L. ^{det. SFB}
drying well
- 75 *Nymphaea odorata* Ait. ^{det. SFB}
in small pond, about 3 dm. deep. rhizome on surface of bottom, leaves and flowers at surface
- 76 *Cladium gommense* Crantz ^{det. SFB}
abundant in fresh water pond, standing erect 1-3 m. tall
- 77 *Cyperus giganteus* (Walt.) Muell. ^{det. SFB}
moist ground near fresh water pond
- 78 *Juncus marginatus* Rostk. ^{det. SFB}
moist ground near fresh water pond
- 79 *Ludwigia*
in mud and water at edge of fresh water pond
- 80 *Triglochin striata* R. & P. ^{det. SFB}
in grass on muddy ground at margin of fresh water pond
- 81 *Juncus marginatus* Rostk. ^{det. SFB}
in grass on wet ground at margin of fresh water pond
- 82 *Zosteris purpurea* L. ? ^{det. SFB}
drying well
- 83 *Polygala portoricensis* Bert. ^{det. SFB}
in water at edge of fresh water pond

fls. grayish

fl. white, with faint sweet perfume, often in morning

small clumps, culms up to 2 m. tall

solitary

plant dark red, extensively creeping, very few fruits

spike erect, green

flowers brilliant ~~red~~ magenta
- with red style
plants up to ~~10~~ 15 cm. long,
prostrate with ascending branches, fls. reddish

- 17984 *Galium trifidum* L. var. *tinctorum*
wet ground, in thick grass at
margin of fresh water pond
- 35 *Aster dumosus* L. (form) ^{det. 5/11.}
~~in~~ wet ground at margin
of pond, in thick grass
- 36 *Sagittaria falcata* Pursh ^{det. 7/11.}
in water at edge of pond
- 37 *Rhynchospora microcarpa* Baldw. ex Gray
in wet soil at margin
of pond in thick grass
- 38 *Pluchea foetida* W. & A. ^{det. 7/11.}
in moist ground near pond
- 39 *Aspalathus laevis* Michx. ^{det. 7/11.}
in moist ground near pond
- 40 *Fuirena squarrosa* Michx. (7. hispida) ^{det. 7/11.}
in moist ground at margin of
fresh water pond
- 41 *Juncus helmsii* verticillata Muhl. ^{det. 7/11.}
in wet ground at margin of
fresh water pond, in thick grass
- 42 *Panicum agrostoides* Sprang. ^{det. 7/11.}
in wet ground at margin of
fresh water pond, in thick grass
- 43 *Ludwigia*
in wet ground at margin of
fresh water pond, abundant in thick grass
- 44 *Polygonum punctatum* L. ^{det. 7/11.}
very abundant in mud
around edge of fresh water pond

supported by other plants

rays lavender, disk yellow,
turning red.

flowers with sepals red
petals white

erect [from second known coll. from
N.C. of Rhod. 42. vol. 1947]
^{7/11.}

erect, with comparatively
faint odor when bruised.
leaves rather stiff and leathery.

small clumps, culms
spreading.

plants solitary

branches ascending,
fls. white.

New Inlet, north end of
Hatteras Island, e. of Pamlico Id.
Dare Co. Oct. 15, 1940

salty tidal sand flat

- 17995 *Lalicornia bigelovii* Torr.
open sand, ^{exposed all around} pure stand.

- 96 *Lalicornia perennis* Mill.
salt marsh, shallow water

- 97 *Lalicornia ~~bigelovii~~ ^{europaea}*
salt marsh, shallow water

- 98 *Borrichia frutescens*
roadside sand in salt marsh

~~Prairie Island~~ 4 mi. s. of Oregon Inlet,
Ple Island, e. of Pamlico Id., Dare Co.
Oct. 15, 1940

- 99 *Iva*
sand flat

e. end of Oregon Inlet, n. end of Ple Island
e. of Pamlico Id., Dare Co. Oct. 15, 1940
small sand dune

- 13000 *Ammophila breviligulata* Torr.
binding dune

- 13001 *Uniola paniculata*
binding dune

erect, fruiting parts dry,
sterile parts green and fleshy,
some plants entirely
sterile others partly so,
others entirely fruiting
fruiting part dry, sterile
parts reddish green, fleshy,
terete

fruiting parts dry, sterile
parts bright red, terete, fleshy,
leaves grass. fleshy, fls
yellow.

herbaceous except at very base,
large clump, leaves bright
green, fleshy.

deep rooted

deep rooted.

- 6 mi. e. of Lenoir, Gates Co. Oct. 14, 1940
 cleared area in swampy
 woods, burned rather recently
- 17002 *Juncus coriaceous* Mach. det. 7/11. det. Me V
 03 *Polygonum punctatum* Muhl. det. 7/11. det. Me V
 04 *Scirpus ~~virgatus~~ rubricornis* Tuck. det. 7/11.
 05 *Spiranthes cernua*
 06 *Polygonum persicaria* L. det. Me V.
 07 *Eleocharis tuberculosa* (L.) R. & S. det. 7/11. det. Me V.
 08 *Aster novae-belgii* var. *elodes* (Tuck.) Gray 5/11
 09 *Clethra alnifolia*
 edge of burned area
 10 *Vitis*
 edge of burned area
 11 *Smilax rotundifolia* L. det. 7/11.
 edge of burned area
 12 *Persea pubescens* (Pursh) Tang. det. 10/11
 edge of burned area
 13 *Eupatorium capillifolium*
 14 *Woodwardia areolata*
 side of drainage ditch
 15 *Bidens frondosa*
 side of drainage ditch
 16 *Panicum verrucosum* Muhl. det. 7/11.
 side of drainage ditch
 17 *Baccharis halimifolia*
 Berls of drainage ditch

- dense clumps
 scattered, stems ascending,
 fls. greenish white
 small clumps, culms
 erect, leaves on ^{erect} culms dead
 fls. white, practically odorless, in
 three ranks.
 stems ascending, fls. greenish
 white.
 dense clumps
 almost erect, rays bright
 lavender, disk yellow, turning reddish,
 shrub 2 m. tall, racemes
 erect.
 woody vine climbing on
 small tree, fruit dark
 red with pale speckles.
 sweet and with good flavor,
 thick skin, growing on tree,
 green woody vine, leaves glossy
 on both sides, fruit glaucous.
 tree 2 m. tall, ~~leaves~~ leaves
 aromatic when bruised, fruit green.
 erect, fls. pinkish, involucre red.
 disk yellow, rays none
 decumbent to ascending
 shrub 1.5 m. tall.

10 mi. s. of Suffolk, Mansfield Co.
dry second growth woods Oct. 14, 1913

18013 *Ilex glabra*

brushy clearing near road.

19 *Renealmia axillaris* (Lam.) D. Don.

brushy clearing near road

20 *Andropogon virginicus* L. det. 7.9.13

brushy clearing near road

21 *Myrica cerifera* L. det. 9.7.13

22 *Oxydendrum arboreum*

23 *Eupatorium pubescens* Muhl. det. 9.7.13

brushy clearing near road

24 *Andropogon virginicus* var. *tetrastachyus* (L.) Hook. & Grev. det. 7.9.13

brushy clearing near road

25 *Viola laxa* (L.) D. Don.

26 *Gerardia purpurea* L. det. 9.7.13

ditch along road

27 *Hypericum gentianoides*

ditch along road

28 *Lolidago nemoralis* det. 9.7.13

roadside

29 *Rhexia mariana* L. det. 9.7.13

roadside ditch

30 *Pyrus arbutifolia* (L.) M. B.

brushy clearing near road

3 mi. s. e. of Windsor, Isle of Wight Co.

thin second growth woods Oct. 14, 1913

31 *Lobelia inflata* R. & G. det. 9.7.13

in old trail

shrubs 1.5 m. tall, berries black

shrub 1 m. tall

erect small clump

shrub 2 m. tall, fruit gray, waxy, very sparse.

slender shrub 3 m. tall.

leaves already shed

fls. grayish

plant solitary

plants arching

corolla bright rose-magenta

very dark brown

fls. yellow

petals brilliant crimson

anthers yellow

fruit scarlet, shrub 1.5 m. tall

fl. pale lavender

19/30

32 *Elephantopus nudatus*
bare spot in old trail

33 *Ascyrum hypericoides* L. det. M. V.

34 *Solidago (Euthamia) tenuifolia* Pursh. det. S. P. B.
bare spot in old trail

35 *Hypericum gentianoides*
bare spot in old trail

36 *Andropogon virginicus* L. det. F. J. R.

37 *Ascyrum stans* Michx. det. M. V.
bare spot in old trail

38 *Pteridium aquilinum*
peaty roadside

39 *Rhus glabra*
most abundant plant in
undergrowth

40 ~~*Polygonum*~~
2 mi. s.e. of Zuni, Lab. of Wight Co.

Cypress swamp

41 *Polygonum* ~~*perfoliatum*~~ ^{*perfoliatum*} s.l. ^{fls. green} attached by a (perianth) det. M. V.
edge of road clearing

42 *Boehmeria cylindrica*
in mud, edge of road clearing

43 *Lespedeza alternifolia*
in mud, edge of road clearing

44 *Hypericum patulatum* Walt. det. M. V.
in mud, edge of road clearing

45 *Bidens discoides* (T. & G.) Britt. det. S. P. B.
mostly epiphytic on Cypress knees

46 *Penthorum sedoides*
in mud, edge of road clearing

47 *Proserpinaca palustris* L. det. S. P. B.
abundant in mud, near clearing

48 *Aster latiflorus* (L.) Britt. det. S. P. B.
road embankment

leaves flat on ground,
corolla purple

fls. yellow

ovary dark red or brown.

erect

shrub 1 m. tall, berries reddish black

main stem prostrate, branches
ascending, fls. whitish

erect

fruit green

erect, rayless

ascending

rays white, disk reddish purple

- 18043 *Aster pilosus* var. *demissus* Blake ^{det. S.F.B.}
road embankment
- 49 *Helaginella apoda* (L.) Farw.
muddy soil, near margin of swamp
- 50 *Rosa palustris* Marsh. ^{det. M.C.V.}
mud, at edge of clearing
- 51 *Drosera teres* Walt.
road embankment
- 52 *Polygonum pennsylvanicum*
muddy soil at bottom of road embankment
- 53 *Alnus* ^{*nigra* (Mill.) B.S.P. & *incana* Willd.}
~~shrub~~ mud at edge of road clearing
- 54 *Commelina diffusa* Burm. f. ^{det. F.H.}
road embankment
- 55 *Panicum agrostoides* Thunberg. ^{det. F.H.}
mud at bottom of road embankment
- 56 *Hypericum mutilum*
mud at bottom of road embankment
- 57 *Solidago odorata* Ait.
muddy soil near edge of swamp
- 58 *Decumaria barbata*
muddy soil near edge of swamp
- 59 *Ascyrum hypericoides* L. ^{det. M.C.V.}
muddy soil near edge of swamp
- 60 *Galium trifidum* L. var. *distinctum*
mud
- 61 *Pluchea ~~glabra~~ petiolaris* Cass. ^{det. S.F.B.}
muddy soil near edge of swamp
- 62 *Salix nigra* Marsh. ^{det. S.F.B.}
mud, edge of road clearing.

rays white, disk yellow,
turning reddish,
prostrate, pale green

shrub 2 m. tall, fruit scarlet.

plant much branched, weak,
fls. pink

shrub 3 m. tall.

prostrate and much branched,
fls. with upper petals brilliant
blue, lower one smaller, white,
anthers yellow with a dark
red spot in the connecting.

fls. yellow

plant low arching, herbage
aromatic when bruised.
vine, extensively climbing
over vegetation, fruiting
erect

prostrate, tangled

erect, very aromatic

shrub 2 m. tall.

18063 *Acalypha gracilens* Gray det.
M. V.
mud at edge of ~~road~~ road clearing

64 *Nyssa aquatica*
one of abundant trees in swamp

18063a *Acalypha rhomboides* Raf.
same data det. M. V.

Sleepy Hollow, 1 mi. s. of Falls Church,
Fairfax Co. 100 m. tall Feb. 15, 1941
Thick woods of *Pinus*
virginiana. pure stand
with little undergrowth, gentle
n. slope

65 *Chimaphila umbellata* ^{var. *discolor*}
with *C. maculata* Blair

66 *Chimaphila maculata* (Pursh)
with *C. umbellata*

along Colvin Run.
4 1/2 mi. s.e. of Draneville, Fairfax Co.
south slope in pasture 60 m. March 23, 1941

67 *Draba verna*

Virginia Highlands, Arlington Co. April 5, 1941
In old ~~brick~~ clay quarry on
steep bank

68 *Acer rubrum* L.

slender tree 6 m. tall (others
much taller). base enlarged.
leaves about ready to fall.
fruit brownish purple. ~~with~~
light speckled glaucous, with
tough skin. pulp juicy and
exceedingly bitter and sour

abundant, large colony, spreading by
underground stems, leaves
shiny and ^{light} green.
common, scattered. leaves
dull, dark green with white
midrib area.

flowers white

trees with white bark, several
erect trunks, 10 m. tall. fls. red.

Virginia Highlands, Arlington Co.

April 5, 1941

cultivated as street trees

18069 *Acer saccharinum* L.

70 *Acer saccharinum* L.

71 *Acer rubrum* L.

72 *Acer rubrum* L.

73 *Acer rubrum* L.

74 *Acer rubrum* L.

Sheepy Hollow, 1 mi. S. of Falls Church,

along Tripp's Run, Fairfax Co. Apr. 6, 1941

open field with scattered small trees

75 *Fraxinus*

Fairfax Co.

April 6, 1941

low wooded hill

76 *Cornus florida* L.

77 *Ilex opaca*

78 *Acer rubrum* L.

79 *Quercus rubra* L.

80 *Acer rubrum* L.

81 *Acer rubrum* L.

82 *Quercus alba* L.

83 *Quercus*

wooded bottom-land along stream

84 *Alnus*

abundant, forming low woods

85 *Salix*

rare, one plant seen

bark gray, checked, tree 15 m.

bark gray, checked, tree 15 m.

bark dark gray, rough, tree 8 m.

fl. red low bushy tree, bark dark gray

fl. reddish low bushy tree, bark dark gray

fl. red low bushy tree, bark dark gray

young tree 4 m. tall.

- small spreading tree 3 m. tall.

- tree 4 m. tall,

- tree 15 m. tall, fls. orange

- small tree 5 m. tall, bark dark, rough.

- small tree 5 m. tall, fls. orange red

- large tree, 20 m. tall, one m. thick

- near base, fls. dark red.

slender tree 7 m. tall, bark

~~loosening~~ loosening in elongate plates

small tree, 6 m. tall, with

last years dead leaves

with
last years
dead leaves

clump 3-4 m. tall, catkins pendent

slender shrub 1 m. tall

13084 *Lindera benzoin* (L.) Bl.

Sleepy Hollow, along small branch
of Tripps Run, 1 mi. S. Falls Church
April 12, 1941

moist bottom land near stream

87 *Juniperus virginiana* L.

open field with scattered ~~for~~
scrub pines.

88 *Claytonia virginica* L.

under trees, ground overgrown
with a carpet of *Lonchocarpus japonica*.

89 *Symplocarpus foetidus* (L.) Nutt.

flat, wet, shaded place,
heavy clay-silt soil.

90 *Lindera benzoin* (L.) Bl.

flat shaded place

91 *Lycopodium complanatum* L. var. *flabelliforme* Fern.

gently sloping ground under
scrub pines.

92

open ~~area~~ marshy place

93 *Alnus serrulata* Willd.

abundant along stream

shrub 1.5 m. tall, very open,
fls. yellow, twigs aromatic
when broken.

small, strictly erect tree,
2 m. tall, shedding pollen.

corn brownish, watery, leaves
fleshy, flowers closing in
late afternoon, white
flushed with pink.

rhizome deeply buried, leaves
unfolding, spathe drying up,
all parts foetid when broken.

slender shrub 1.5 m. tall, others
nearly up to 3 or 4 m., bark
strongly aromatic when bruised.

fls. lemon yellow, fragrant.

spreading colony several
m. across, rootstocks
in the litter on the surface of the
ground, ~~leaves~~ pale, or where
exposed, green, erect shoots

dark green.

shrubs up to 1 m. tall.

bark light brownish-gray,
clumps 3 m. tall, catkins
pendent.

Holmes Run, 0.5 mi. n.w. of Triadelphia
Mill, (4 mi. w. of Alexandria).

Fairfax Co. alt. 20 m. Apr. 13, 1941.

~~moist~~ open glade in moist
wooded bottom lands.

18094 *Erythronium*

Holmes Run, just below Alexandria
(Barcroft) Reservoir, 1 mi. s.e. of
Baileys Crossroads, (6 mi. w. n.w. of
Alexandria), Fairfax Co. 45-60 m.
Apr. 17, 1941

95 *Poa*

under scrub pines, s. slope

96 *Pinus*

s. slope, thinly wooded, mainly
with

97 *Carpinus caroliniana* Walt.

alluvial terrace along stream
in wooded ravine.

bulb buried deep, leaves
bronze-purple, mottled with
bluish green. flower
nodding, horizontal or
pointing downward, perianth
bright yellow inside
bronze marked outside,
inside speckled slightly
toward base with red,
recurved, anthers
yellow, the two sets the
same color. Inner segments
slightly auriculate-
inrolled at base.

60 m.

small, loose tufts.

60 m.

straight tree 30 m. tall. ϕ 7.5
dm. thru near base, bark
brown and flaky, only one seen.
spreading tree 7 m. tall. bark
dark lead-gray.

45 m.

18098 *Erythronium*

on foot of s. slope in wooded ravine,
under bare trees, (very near
#18099)

99 *Erythronium*

foot of s. slope in wooded ravine,
under bare trees (very near #18098)

18100 *Salix*

on gravel bar in stream (with #18101)

18101 *Salix*

on gravel bar in stream (with #18100)

50m

bulb ~~to~~ deeply buried. leaves
bluish green mottled above
with bronze-purple, flowers
nodding, horizontal to pointing
downward, perianth segments
recurved, inner ones more
so, bright yellow, marked
externally with gray green,
internally brightly speckled
with red toward base,
stamens red, the shorter
set very dark, ~~to~~ longer
set brick red, exceptionally
as dark as shorter ones.

10m

bulb deeply buried, leaves
dark red-purple, spotted
with blue-green, flowers
nodding, horizontal or
more, bright lemon yellow,
~~both~~ segments recurved,
very slightly bronzed
outside, with a very few
red dots toward base
inside, both sets of
stamens bright yellow,
only a slight difference
in their length.

slender shrub ~~about~~
3 m. tall

slender shrub or small tree,
4 m. tall, catkins silvery,
black speckled.

Sleepy Hollow, near Tripper Run,

1 mi. N. Falls Church, Fairfax Co.

April 30, 1941

old field on knoll, with
scattered small scrub pines

18102 *Hedysotis caerulea* (L.) T. & G.

03 *Potentilla*

04 *Antennaria*

with #18105

05 *Antennaria*

with #18104

bottom land along stream,
open woods badly infested
with *Lonicera japonica*

06 *Erythronium*

~~April 22, 1941~~

April 18, 1941

07 *Viola*

under trees in open woods, bottom land
near stream

fls. ~~yellowish~~ lavender, with
yellow eye.

Petals chrome yellow, mostly
very slightly emarginate,
though not universally so.
anthers purplish, rest
of flower grayish white.
flowers ~~not~~ grayish white.

abundant in a colony several m. across
bulbs deeply buried, leaves
green, spotted with gray-
green, some with bronzy
shading, flowers nodding,
limer yellow, segments
recurved, but not strongly
so, slightly bronzed outside,
slightly red dotted toward
base within, anthers very
dark red, inner perianth
segments slightly auriculate
just above base, but not at all
clasping the stamens.

fls. deep purple.

- 18108 *Arisaema atrorubens*
moist ^{wooded} bottom-land near stream
- 09 *Arisaema atrorubens*
moist wooded bottom-land, near stream
- 10 *Ranunculus abortivus*
moist wooded bottom-land, near stream
- 11 *Stellaria media*
moist bottom-land, near stream
- 12 *Viola*
moist bottom-land, near stream
- May 1, 1941
- 13 *Amelanchier ^{arborescens} canadensis*
moist swampy ^{wooded} bottom-land near stream
- 14 *Carex*
springy swamp-land, near stream
- 15 *Acer rubrum* L.
springy swamp-land, near stream
- 16 *Carex*
~~swampy~~ abundant in swampy wooded bottom-land near stream.
- 17 *Viburnum prunifolium*
moist wooded bottom-land, bank of stream
- 18 *Cornus florida* L.
moist wooded bottom-land, bank of stream

leaves not at all glaucous, spathe smooth, green. leaves not at all glaucous, stems and petioles purple, spathe green outside, ~~one~~ deep purple ~~marked~~ with green veins inside. petals yellow

petals
fls. white

petals
fls. lavender, the two lower marked with violet in basal part, all greenish near base.

small tree, 6 m. tall, bark smooth, ^{dark} lead-gray, fruit immature.

forming large, dense tussocks.

tree 15 m. tall, wings of fruit rose-color. ~~tree~~ small tufts

tree 8 m. tall, fls. cream-white, somewhat fragrant.

small tree 4 m. tall, bracts white, shiny, with reddish emarginate tips, fls. greenish-yellow, fragrant.

- 18119 *Morus*
moist wooded bottom land,
along stream.

Virginia Highlands, Arlington Co.
May 1, 1940

- Cultivated as a street tree
20 *Acer saccharinum* L.

- 21 *Acer saccharinum* L.

~~Sleepy Hollow~~ Fort Buffalo,
1/2 mi. S. of Falls Church, Fairfax Co.
May 4, 1940

- n. slope, ~~at~~ edge of oak woods
22 *Vaccinium vacillans* Torr.

- 23 *Rhododendron nudiflorum*

- 24 *Gaylussacia baccata*

Sleepy Hollow, 1 mi. S. of Falls Church
along Tripp's Run, Fairfax Co. May 9, 1940
Rich wooded bottom land, along
stream.

- 25 *Geranium maculatum* L.
small colony, not common here
26 *Barbarea vulgaris* L.
fairly common, especially
in openings


shrub 2 m. tall, pistillate
heads green with translucent
white stigmas.

same tree as "18009. Tree 15 m. tall
bark gray, checked. fruits
turning yellowish.

same tree as "18070. Tree 15 m.
tall, bark gray, checked,
fruits turning yellowish.

shrubs 2-3 dm. tall, leaves
slightly glaucous beneath,
fls. greenish white. ~~corolla~~
- shrubs 2-4 dm. tall, ~~fls.~~
reddish-pink outside, ~~paler~~ ^{pink} inside,
style red, unpleasantly fragrant.
- shrubs 2-3 dm. tall, fls.
reddish to greenish yellow.

flowers magenta, plants
- solitary from rootstock
- fls. bright yellow

- 18117 *Rhus toxicodendron* L.
Common, 

28 *Prunus serotina* Ehrh.

29 *Podophyllum peltatum*
scattered colonies

30

~~carex~~ muddy margin of
trickle of water below spring

31

Carex

muddy margin of trickle of
water below spring

32

Carex

same

33

Carex

same

34

Carex

same

35

Ranunculus

moist soil

36

Carex

moist ^{sandy} soil

37

Carex

moist somewhat sandy soil

38

Polygonatum biflorum

moist somewhat sandy soil

vine-like, climb far into
trees, main stem held close
to tree-trunk by many
rootlets, corolla green, anthers
orange.

tree 5 m. tall, others nearly
much taller, fls. white
spreading by rhizomes
which apparently branch
at right angles, fls.
white with yellowish
stamens and pistil,
— peculiarly fragrant.
small clump, basal
sheaths purple.

dense clumps, somewhat
spreading.

dense clump, more or less
erect.

clumps, somewhat spreading

very small tufts, not common

erect, petals minute
yellow, turning whitish,
— loose spreading clumps

small tufts, erect

~~erect~~ arching, fls.
a semi-white with greenish
spreading tips to segments

- * open pasture, same loc.
 18139 *Ranunculus bulbosus*
 very abundant all over pasture,
 apparently not eaten by cows
 40 *Nuphar*
 small colony in marshy
 place in pasture

- 41 *Clethrionomys*
 abundant in muddy place

Mountain Furnace,

London Co May 18, 1941

- 42 *Myrica sylvatica* Marsh.
 Ravine bottom, near spring

2 mi. W. of New Alexandria, Fairfax Co
 May 18, 1941

- * Thin second growth woods,
 mainly oaks, undergrowth
 of *Vaccinium* and other *Ericaceae*.

- 43 *Quercus*

- 44 *Vaccinium*
 shaded

- 45 *Quercus prinus* L.

~~petal~~ bright yellow, glossy
 inside.

leaves erect, uncreased,
 petiole yellow, ^{greenish, tough, base} stigma
 spongy 4-5 cm thick, buried
 in mud. anthers red
 pollen yellow, stigma yellow

tree 2 m. tall, lvs. paler
 beneath.

tree 15 m. tall, ^{trunk} 3 dm. thick near base,
 bark blackish, checked,
 leaves with an oily appearance.
 bush just over 1 m. tall,
 leaves slightly glaucous
 beneath, venulose, veins
 impressed above; fruit immature,
 somewhat glaucous, esp
 on calyx lobes.
 tree 2 m. tall, bark dark gray
 furrowed.

13146 *Amelanchier canadensis* (L.) Medic.47 *Rhododendron*48 *Vaccinium stamineum* L.49 *Hieracium venosum*50 *Hedysalis caerulea* (L.) T. & G.
scattered or in small
tufts on ~~open~~ soil.51 *Carex*Hills above
Mountville, Catoclin "Mts",
Frederick Co. May 18, 1941
along old road in deciduous woods52 *Vitis*53 *Adiantum pedatum* L.54 *Lindera benzoin* (L.) Bl.
edge of woods55 *Symphoricarpos*
edge of woods56 *Panicum*

57

58 *Carex*59 *Ulmus fulva* Michx.
edge of woods60 *Cerastium vulgatum* L.61 *Asclepias quadrifolia* Jacq.
opening in woods

Tree 4 m. tall, bark smooth,
dark lead-gray, fruit immature
corollas fallen or dried
— and hanging, style red.
bush 6 dm. tall, corollas
abnormal (damaged by insects?)
— plant with strong odor.
leaves ~~are~~ green with
— red veins, fls. yellow
fls. lavender with
yellow throat, lighter
— outside
slightly glaucous-green
in color

woody vine, climbing
on small tree, inflorescences
sometimes on successive
internode.

shrub 2 m. tall, aromatic
— when broken, fruit immature.
bush ~~is~~ 1.5 m. tall

— small tuft
— spreading, very loose clump
small tree 4 m. tall, bark
mucilaginous when chewed.

crown white, corolla rose to white,
odor faint but unpleasant, like sweet horse

19162 ~~Sp~~ *Nepeta hederacea* (L.) Trev.

63 *Rubus*

64 *Saxifraga virginiana* Duch.

65 *Rubus*

66 *Cornus florida* L.

67 *Vaccinium*
rock outcrop

68 *Fragaria virginiana* Duch.

69 *Viola*

70 *Anemone thalictroides* (L.) Hoffm.

71 *Potentilla canadensis* L.

72 *Morus rubra* L.

73 *Ranunculus*

74 *Ranunculus*

75 *Potentilla*

76 *Dioscorea quaternata* ca. glauc.

77 *Dioscorea quaternata* ca. glauc.

creeping, very strongly aromatic
when bruised, fls. lavender,
canes erect, slightly
arching ~~at tips~~ above, fls.
white.

canes erect, slightly arching
above, flowers white.
small tree 5 m. tall.

— bracts mostly fallen.
bush with green stems,
3-4 dm. tall, leaves somewhat
glaucous beneath, fruits
immature, slightly

— glaucous.
larger fruits not quite
mature, achenes in
pits in receptacle. leaves
erect

— fls. bright violet, whitish
in center

— ~~at tips~~ tubers pyriform,
fls. white. leaves glaucous
beneath.

— procumbent, petals yellow,
very slightly emarginate.

— tree 5 m. tall, leaves not rough
above when fresh, fruit immature.
— petals very small, greenish yellow.

— petals yellow, slightly emarginate,
lower leaves whorled, glaucous
beneath, fls. green

— lower leaves whorled, glaucous beneath,
fls. green

18178 *Carex*79 *Carex*80 *Smilax herbacea* L.81 *Carex*82 *Celastrus scandens* L.83 *Celtis occidentalis* L.84 *Hicorythymum*

Cherry Chase, near Williams Lane

May 22, 1941

vacant lot, more or less overgrown
with brush and small trees85 *Rubus*86 *Rubus rigidi* Bailey det. H. Bailey

Virginia Highlands, Arlington Co.

cultivated in garden

May 25, 1941

87 *Agrostemma githago* L. var.Sleepy Hollow, ~~near~~ Tripp's Run,
Fairfax Co.

May 25, 1941

moist rich wooded bottom land near
stream88 *Smilacina racemosa* ^{var. cylindrica} ^{var. cylindrica} ^{var. cylindrica}
open woods

small tufts

reclining on bushes

woody vine, climbing on bushes
small tree 4 m. tall, fruit
immature, leaves thin
spreading tuft, fls. lavendersmall plants, more or less
erect, old ones arching,
the tips elongate, trailing
and rooting, fls. white.
small plants, ~~more~~ low
arching, flowers whiteerect, to 1 m. tall, ~~fls.~~ petals
exceeding calyx, magenta
inside, lavender outside, with
three dark lines inside,
pollen dull purplish, styles
elongating after pollen
is shedsmall colony, all with small infl.
fls. white, ~~in~~ ~~in~~ ~~in~~

13137

open woods

90 *Vitis*

open woods

91 *Smilax herbacea*

edge of woods

92 *Vicia*

edge of woods

93

roadside, near stream

94 *Carex*

roadside near stream

95 *Galium aparine*

abundant, tangled, in wet ground

96 *Carex*

in wet ground

97 *Plantago*

sandy ground

98 *Carex*

roadside near stream

99 *Specularia perfoliata* (L.) DC.

sandy ground

small tufts

vine, leaves white beneath,
flowers green.
flowers green.

flowers rose purple

erect, small clumps

small, compact tuft

stems weak, flowers white

loose spreading small
~~tufts~~ clumps.

loose clump

erect, flowers deep violet

1. 200
 2. 200
 3. 200
 4. 200
 5. 200
 6. 200
 7. 200
 8. 200
 9. 200
 10. 200
 11. 200
 12. 200
 13. 200
 14. 200
 15. 200
 16. 200
 17. 200
 18. 200
 19. 200
 20. 200
 21. 200
 22. 200
 23. 200
 24. 200
 25. 200
 26. 200
 27. 200
 28. 200
 29. 200
 30. 200
 31. 200
 32. 200
 33. 200
 34. 200
 35. 200
 36. 200
 37. 200
 38. 200
 39. 200
 40. 200
 41. 200
 42. 200
 43. 200
 44. 200
 45. 200
 46. 200
 47. 200
 48. 200
 49. 200
 50. 200
 51. 200
 52. 200
 53. 200
 54. 200
 55. 200
 56. 200
 57. 200
 58. 200
 59. 200
 60. 200
 61. 200
 62. 200
 63. 200
 64. 200
 65. 200
 66. 200
 67. 200
 68. 200
 69. 200
 70. 200
 71. 200
 72. 200
 73. 200
 74. 200
 75. 200
 76. 200
 77. 200
 78. 200
 79. 200
 80. 200
 81. 200
 82. 200
 83. 200
 84. 200
 85. 200
 86. 200
 87. 200
 88. 200
 89. 200
 90. 200
 91. 200
 92. 200
 93. 200
 94. 200
 95. 200
 96. 200
 97. 200
 98. 200
 99. 200
 100. 200

1. 200
 2. 200
 3. 200
 4. 200
 5. 200
 6. 200
 7. 200
 8. 200
 9. 200
 10. 200
 11. 200
 12. 200
 13. 200
 14. 200
 15. 200
 16. 200
 17. 200
 18. 200
 19. 200
 20. 200
 21. 200
 22. 200
 23. 200
 24. 200
 25. 200
 26. 200
 27. 200
 28. 200
 29. 200
 30. 200
 31. 200
 32. 200
 33. 200
 34. 200
 35. 200
 36. 200
 37. 200
 38. 200
 39. 200
 40. 200
 41. 200
 42. 200
 43. 200
 44. 200
 45. 200
 46. 200
 47. 200
 48. 200
 49. 200
 50. 200
 51. 200
 52. 200
 53. 200
 54. 200
 55. 200
 56. 200
 57. 200
 58. 200
 59. 200
 60. 200
 61. 200
 62. 200
 63. 200
 64. 200
 65. 200
 66. 200
 67. 200
 68. 200
 69. 200
 70. 200
 71. 200
 72. 200
 73. 200
 74. 200
 75. 200
 76. 200
 77. 200
 78. 200
 79. 200
 80. 200
 81. 200
 82. 200
 83. 200
 84. 200
 85. 200
 86. 200
 87. 200
 88. 200
 89. 200
 90. 200
 91. 200
 92. 200
 93. 200
 94. 200
 95. 200
 96. 200
 97. 200
 98. 200
 99. 200
 100. 200



